FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA

A Historical Summary of the rights of the Bonaparte First Nation

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FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA:

A Historical Summary of the rights of the Bonaparte First Nation

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Gary Robinson
Project Manager
Water Management Branch

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FIRST NATIONS WATER RIGHTS REPORT

BAND: Bonaparte

ADDRESS: PO Box 669, Cache Creek BC, V0H 1K0

CHIEF: Terry Porter

PHONE: 457-9624 **FAX:** 457-9550

AFFILIATION: Shuswap Nation Tribal Council

LOCATION:

The Bonaparte Band occupies six separate reserves in the Central Interior Region.

These six reserves are:

- Bonaparte 3 - this 193.2 hectare reserve is located approximately five miles northwest of Cache Creek. Bonaparte River runs directly through the reserve.
- Grasslands 7 - this 31.6 hectare reserve, is located on the north side of McLean Lake, southeast of Cache Creek.
- Loon Lake 4 - this 24 hectare reserve is located at the southern end of Loon Lake.
- Lower Hat Creek 2 - this 207.6 reserve bisects Hat Creek and Highway 12 and is northwest of Bonaparte Reserve 3.
- Mauvais Rocher 5 - this 40 hectare reserve is located on the right bank of Thompson River, 10 miles northeast of Ashcroft.
- Upper Hat Creek 1 - this 832.4 hectare reserve is bisected by Hat Creek and Highway 12 and is 15 miles northwest of Ashcroft.

The Bonaparte Band also holds in common with other bands 3 reserves. These reserves are:

- Hihium Lake 6A - this 2 hectare reserve is located on the north shore of Hihium Lake.
- Hihium Lake 6B - this 2 hectare reserve is located on the western end of Hihium Lake.
- Hihium Lake 6 - this 31.8 hectare reserve is located at the southeast end of Hihium Lake.

Within the Interior Plateau these reserves lie at elevations ranging from 400 to 1,400 metres above mean sea level, and experience a climate ranging from an average daily temperature of -5 to -10 degrees Centigrade in January and up to 20 degrees Centigrade in July. The average rainfall for this area is 30 - 50 centimetres.

The most recent population figures from the Ministry of Finance show Bonaparte Indian Band to have a population of 174 persons living on reserve as registered members. Its total population, including registered and non-registered members living on reserve, on crown land and off reserve is 644.

Water courses of significance include:

- Baines Spring, which is located in the southwest corner of Upper Hat Creek Reserve 1.
- Bonaparte River, which flows south, through Bonaparte Reserve 3, and drains into Thompson River.
- Hat Creek, which flows northeast, through Upper Hat Creek 1 and Lower Hat Creek 2, and drains into Bonaparte River.
- Hihium Creek, which flows west, south of Loon Lake Reserve 4, and drains into Loon Creek.
- Perry Creek, which flows southwest, through the eastern section of Bonaparte Reserve 3.
- Settlement Brook, which flows east, through the southern section of Bonaparte Reserve 3, and drains into Bonaparte River.
- Two Stream Creek, which flows east, through Upper Hat Creek Reserve 1, and drains into Hat Creek.

WATER ALLOCATIONS:

Water rights of the Bonaparte Band have been recorded or affected by five actions of government over the years:

1) Allotments by the Indian Reserve Commissioners.

Following confederation, the Province and the Dominion established an Indian Reserve Commission to reserve lands for the Indians and for transfer of those lands to the Dominion. In setting apart lands for reserves, the Reserve Commissioners made it their practice to allot water with the lands. It is understood that this practice was unique among Indian Reserves in Canada and the authority of the Commissioners to allot water rights has always been disputed by the Province.

2) Lieutenant Governor in Council approval by Order in Council of the granting of water rights.

3) Determinations of the Board of Investigation under the *Water Act, 1914* of claims of the Department of Indian Affairs, and subsequent issue of water licences.

4) Granting of water licences from Federal Government applications for licences for the use of water on reserve.

5) Actions to amend rights under licences pursuant to provisions in the *Water Act*.

HISTORY, CURRENT STATUS, AND NOTES:

The history of water rights, the current status of rights and any notes for the Bonaparte Band with respect to the water sources on Bonaparte 3, Grasslands 7, Loon Lake 4, Lower Hat Creek 2, Mauvais Rocher 5 and Upper Hat Creek 1 are as follows:

BONAPARTE #3

Bonaparte River

History:

July 18, 1921 At a final hearing before the Board of Investigation, acting pursuant to the *Water Act 1914*, the Board determined that on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B.C. a bona fide application for a record of water from Bonaparte River, for use on the Bonaparte Indian Reserve (No. 3, Bonaparte) and that water from the said river has been used for beneficial purposes on the said Indian Reserve. The Order of the Board, numbered 2415, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Bonaparte River,
(ii) take precedence from the 26th day of September, 1888,
(iii) authorize the diversion of a maximum of 672 acre feet of water a year for the irrigation of 224 acres of Bonaparte Indian Reserve No. 3, provided that 5,000 gallons of water a day throughout the year could also be used for domestic purpose.

Dec 19, 1924	The Comptroller of Water Rights issued Conditional Water Licence 7844, which embodied the terms and conditions set out in Board Order 2415.
July 15, 1933	Indian Affairs and John B. Jackson entered into an agreement regarding a right-of-way for an irrigation ditch for Conditional Water Licence 7844, through John Jackson's property, lots 90, 91 and 92, Group 1, Kamloops Division of Yale District. This agreement for a right-of-way was registered with Land Titles.
Feb 10, 1942	The Comptroller of Water Rights issued Final Water Licence 11589 to the Director of Indian Affairs. This licence, issued in substitution of Conditional Water Licence 11589, was given a date of precedence of September 26, 1888, and authorized the diversion of 135.9 acre feet of water a year from Bonaparte River for the irrigation of 45.3 acres of Indian Reserve No. 3, Bonaparte. A lesser quantity of water was authorized with the issue of Final Water Licence 11589 as being sufficient for the area to be irrigated.
Jan 2, 1964	The Comptroller of Water Rights issued Final Water Licence 18250 to the Director of Indian Affairs from an application filed by the same office. This licence was given a date of precedence of July 15, 1963 and authorized the diversion of 2,500 gallons of water a day from Bonaparte River for domestic use on Indian Reserve No. 3, except Cariboo Highway (plan H77), Kamloops Division of Yale District.

Current Status:

A total of 102 licences are reported on Bonaparte River. Of these licences:

- 18 authorize the diversion of water for domestic purpose, with a total quantity authorized of 22,000 gallons a day.
- 78 authorize the diversion of water for irrigation purpose, with a total quantity authorized of 10,107.28 acre feet per annum.
- 9 authorize the storage of water, with a total quantity authorized of 5315.5 acre feet per annum.
- 3 authorize the diversion of water for stock watering purposes, with a total quantity authorized of 2,500 gallons a day.
- 3 authorize the diversion of water for lawn watering purposes, with a total quantity authorized of 6.06 acre feet per annum.
- 6 authorize the diversion of water for enterprise purposes, with a total quantity authorized of 40,000 gallons a day.

- 2 authorize the diversion of water for waterworks under a local authority, with a total quantity authorized of 648,571,420 gallons a year.
- 1 authorizes the diversion 14,870 gallons of water a day for maintaining a pond.
- 3 authorizes the storage and diversion of 37,100 acre feet of water per annum for conservation purposes.

*Note: Some licences authorize the use or diversion of water for more than one purpose.

Final Water Licence 11589 (4th in priority) and Final Water Licence 18250 (39th in priority) are the only two licences on Bonaparte River for the benefit of the Bonaparte Band. There is no recent information on file with respect to the exercise of rights under these licences.

A possible water shortage for all purposes (including storage), except small domestic and stock watering, has been recorded on Bonaparte River. An Engineer's Report dated October 11, 1991 stated that there is a history of water shortages reported on this river to maintain flows for steelhead and salmon.

On July 23, 1993 an Order of the Lieutenant Governor in Council reserved all the unrecorded waters of Bonaparte River and its tributaries for the use of the Crown for conservation purpose to protect the fishery resource, and in order to make provision for a water supply for an irrigation project, provided that the water reserved may be acquired for the purposes for which it is reserved, or may be acquired for industrial (stock watering) purpose under licences subject to the reservation.

Water Survey of Canada reported streamflow records at Bonaparte River above Clinton Creek (Station 08LF065), Bonaparte River above Loon Creek (Station 08LF066), Bonaparte River below Bonaparte Lake (Station 08LF097), Bonaparte River below Cache Creek (Station 08LF002) and Bonaparte River near Cache Creek (Station 08LF060). Station 08LF002, Bonaparte River below Cache Creek has the most complete streamflow records dating from 1911 to 1990. These streamflow records reported a low mean monthly flow of 1.69 cubic metres per second in December, increasing to a high in June of 15.7 cubic metres per second.

Notes:

1. The issue of Final Water Licence 11589 resulted in a reduction of the quantity of water authorized for irrigation for the Bonaparte Band.

2. The water reserve, dated July 23, 1993, on Bonaparte River and its tributaries could affect future licensing on Bonaparte River.

Hat Creek

History:

July 18, 1921

1) At a final hearing before the Board of Investigation, acting pursuant to the *Water Act, 1914*, the Board determined that on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent a bona fide application for a record of water from Hat Creek, for use on the Bonaparte Indian Reserve (No. 3, Bonaparte), and that water from the said creek has been used for beneficial purposes on the said Indian Reserve. The Order of the Board, numbered 2433, set out that a conditional water licence should be issued which would:

   (i) provide for the diversion of water from Hat Creek,
   (ii) take precedence from the 26th day of September, 1888.

   (iii) authorize the diversion of a maximum of 336 acre feet of water a year for the irrigation of 112 acres of Bonaparte Indian Reserve No. 3, provided that 5,000 gallons of water a day throughout the year could also be used for domestic purpose.

2) At a final hearing before the Board of Investigation, acting pursuant to the *Water Act 1914*, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Hat Creek was made under the authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 2447, set out that a conditional water licence should be issued which would:

   (i) provide for the diversion of water from Hat Creek,
   (ii) take precedence from the 7th day of November, 1902,
   (iii) authorize the diversion of a maximum of 573 acre feet of water a year for the irrigation of 191 acres of Bonaparte Indian Reserve No. 3, provided that 5,000 gallons of water a day throughout the year could also be used for domestic purpose.

Dec 19, 1924

1) The Comptroller of Water Rights issued Conditional Water Licence 7886, which embodied the terms and conditions set out in Board Order 2433.

2) The Comptroller of Water Rights issued Conditional Water Licence 7845, which embodied the terms and conditions set out in Board Order 2447.

Feb 2, 1935

1) The Comptroller of Water Rights cancelled Conditional Water Licence 7886 in accordance with a notice of proposed cancellation, dated December 17, 1934. The licence was proposed to be cancelled unless it was proved that the construction of the works authorized under the licence was begun within the time fixed and the construction of the works was prosecuted with due diligence.

2) The Comptroller of Water Rights cancelled Conditional Water Licence 7845 in accordance with a notice of proposed cancellation, dated December 17, 1934. The licence was proposed to be cancelled unless it was proved that the construction of the works authorized under the licence was begun within the time fixed and the construction of the works was prosecuted with due diligence.

The files associated with Conditional Water Licences 7886 and 7845 have been destroyed. Thus, it is not known if the Bonaparte Band or Indian Affairs had objections to the cancellations.

Current Status:

There are a total of 20 water licences on Hat Creek. Of these licences:

- 18 authorize the diversion of water for irrigation purpose, with a total quantity authorized of 3567.5 acre feet per annum.
- 8 authorize the diversion of water for domestic purpose, with a total quantity authorized of 10,500 gallons a day.
- 2 authorize the storage of water, with a total quantity authorized of 290 acre feet per annum.

There are no active licences on Hat Creek for the benefit of the Bonaparte Band on Bonaparte Reserve No. 3.

A third party's application on Hat Creek was refused on February 20, 1981, due to a shortage of water in Hat Creek. The Engineer's report recommended that Hat Creek be noted as a fully recorded source for irrigation use without backup storage.

On July 23, 1993 an Order of the Lieutenant Governor in Council reserved all the unrecorded waters of Bonaparte River and its tributaries for the use of the Crown for conservation purpose to protect the fishery resource, and in order to make provision for a water supply for an irrigation project, provided that the water reserved may be acquired for the purposes for which it is reserved, or may be acquired for industrial (stock watering) purpose under licences subject to the reservation.

Water Survey of Canada has reported streamflow records from seven different gauging stations on Hat Creek from various time periods. These stations are Hat Creek - Hammond diversion to Oregon Jack Creek (Station No. 08LF014), Hat Creek above Anderson Creek (Station No. 08LF092), Hat Creek above Harry Creek (Station No. 08LF090), Hat Creek above Marble Canyon (Station No. 08LF034), Hat Creek near Ashcroft (Station No. 08LF013), Hat Creek near Cache Creek (Station No. 08LF015) and Hat Creek near Upper Hat Creek (Station No. 08LF061). Station No. 08LF015, Hat Creek near Cache Creek has the most recent streamflow records on Hat Creek, dating from 1960 to 1990. These streamflow records reported a low mean monthly flow of 0.255 cubic metres per second in January, increasing to a high in June of 2.52 cubic metres per second.

Notes:

1. The consultation process regarding the cancellations of Conditional Water Licences 7886 and 7845 is unknown as the files associated with these licences have been destroyed.
2. Water shortages have been recorded on Hat Creek and future licensing on this source may be restricted.
3. The water reserve, dated July 23, 1993, on Bonaparte River and its tributaries could affect future licensing on Hat Creek.

Perry Creek

History:

Feb 3, 1958 The Comptroller of Water Rights issued Conditional Water Licence 24002 to the Indian Affairs Branch in accordance with their application. This licence was given a date of precedence of April 12, 1956 and authorized the diversion of 20 acre feet of water a year from Perry Creek for the irrigation of 10 acres of Indian Reserve No. 3, Bonaparte, Kamloops Division of Yale District.

Nov 19, 1962	An Engineer's report for a Final Licence which would supersede Conditional Water Licence 24002, noted that the Band was using a larger quantity of water than what was authorized under Conditional Water Licence 24002 and additional land was being irrigated. Indian Affairs was given an option to either apply for a licence authorizing additional rights on Perry Creek or to abandon Conditional Water Licence completely and a new licence would be issued authorizing the full quantity of water required for irrigation purposes.
Feb 12, 1963	In accordance with the recommendation from the Comptroller of Water Rights, Indian Affairs abandoned Conditional Water Licence 24002 and applied for the full quantity of water required on Perry Creek.
Nov 1, 1963	The Comptroller of Water Rights issued Final Water Licence 18213 to the Director of Indian Affairs in accordance with their application. This licence was given a date of precedence of February 14, 1963, and authorized the diversion of 63.6 acre feet of water a year from Perry Creek for irrigation of 21.2 acres of Indian Reserve No. 3A (Bonaparte), Kamloops Division of Yale District.
Sept 26, 1991	The Regional Water Manager issued Conditional Water Licence 68633 to the Bonaparte Indian Band in accordance with an application for a change of purpose filed by the Band. This licence, issued in substitution of Final Water Licence 18213, bears a date of precedence of February 14, 1963 and authorizes the diversion of 63.6 acre feet of water per annum from Perry Creek for industrial (fish hatchery) purpose and for the irrigation of 21.2 acres of that part of Bonaparte Indian Reserve 3A, lying to the north and east of Bonaparte Indian Reserve 3, Kamloops Division Yale District.
May 24, 1996	The Assistant Regional Water Manager refused an application filed by the Bonaparte Band on February 18, 1991, for the right to divert water from Perry Creek for industrial (fish hatchery) purpose. There was insufficient water in Perry Creek to support the Bonaparte Band's application.

Current Status:

Conditional Water Licence 68633 is the only active licence on Perry Creek.

An on-site inspection by a Water Management Officer in 1994, determined that the fish hatchery on Perry Creek was no longer in use and the industrial (fish hatchery) purpose authorized under Conditional Water Licence 68633 should be abandoned.

Perry Creek is noted in Water Licensing's stream register as a fully recorded source.

Water Survey of Canada has no streamflow records for Perry Creek. However, an Engineer's Report on Perry Creek indicated flows ranging from 0.05 cubic feet per second to 0.177 cubic feet per second from April 1991 to March 1994.

Notes:

The industrial (fish hatchery) purpose authorized under Conditional Water Licence 68633 could be cancelled due to non-beneficial use.

Settlement Brook

History:

Aug 3, 1959 The Comptroller of Water Rights issued Conditional Water Licence 24984 to the Director of Indian Affairs in accordance with their application. This licence was given a date of precedence of February 7, 1958 and authorized the diversion of 2,500 gallons of water a day for domestic purpose and 15 acre feet of water a year from Settlement Brook for the irrigation of 5 acres of Indian Reserve No. 3, Bonaparte, Kamloops Division of Yale District.

Indian Affairs had originally applied for the right to divert and use 30 acre feet a year; however, the Engineer's Report on the application stated that,

> *"Sustained early summer flow is estimated to be about 25 gallons per minute in which case only about 5 acres could be irrigated and 15 acre feet is therefore recommended."*

July 2, 1963 The Comptroller of Water Rights issued Final Water Licence 18120 to the Director of Indian Affairs. This licence, issued in substitution of Conditional Water Licence 24984, bears a date of precedence of February 7, 1958 and authorizes the diversion of 11.4 acre feet of water a year from Settlement Brook for the irrigation of 3.8 acres of Indian Reserve No.3, Bonaparte, except Cariboo Highway, Plan H77, Kamloops Division of Yale District.

The Engineer's survey noted that the Band had abandoned the water system associated with the domestic rights authorized under

Conditional Water Licence 24984, and they were using Bonaparte River as a domestic source. Thus, Final Water Licence 18120 was issued solely for irrigation purpose. A lesser quantity for irrigation purpose was authorized with the issuance of Final Water Licence 18120 as being sufficient for the area to be irrigated.

Current Status:

Final Water Licence 18120, in the name of the Bonaparte Band, is the only active licence on Settlement Brook.

There is no recent information on file with respect to the exercise of rights under this licence.

Notes:

1. There is no indication on file that written consent was received from Indian Affairs or the Bonaparte Band to abandon the domestic rights on Settlement Brook.

2. The issue of Final Water Licence 18120 resulted in a reduction in the quantity of water authorized for irrigation.

GRASSLANDS #7

Cornwall Creek & McLean Lake

History:

Feb 19, 1992 An application for the right to divert 1920 acre feet of water a year from Cornwall Creek and Mclean Lake for irrigation and storage purposes and 0.5 cubic feet of water per second for industrial (fish hatchery) purpose was filed at the Kamloops Regional Office.

The Bonaparte Band indicated that the water was to be used on McLean's Lake Reserve No. 3; however, Indian and Northern Affairs records show this reserve to be in Ashcroft Band's name. The place of water use is unknown until this application is investigated by Regional staff; however, it is assumed the Bonaparte Band intends to use the water on Grasslands #7, which is adjacent McLean's Lake Reserve No. 3, on the north end of McLean Lake.

Current Status:

There are a total of 14 licences and 1 application on Cornwall Creek. There are no active licences on McLean Lake and the Bonaparte Band's application is the only application on McLean Lake.

Of the licences on Cornwall Creek:

- 4 authorize the diversion of water for domestic purpose, for a total amount authorized of 5,500 gallons a day.
- 7 authorize the diversion of water for irrigation purpose, for a total amount authorized of 2595.66 acre feet per annum.
- 4 authorize the storage of water, for a total amount stored of 1971.7 acre feet per annum.
- 1 authorizes the diversion of 1,000 gallons a day for enterprise purpose.
- 1 authorizes the diversion of 4,000 gallons a day for waterworks purpose.

Note: some licences authorize more than one purpose.

There are no active licences on Cornwall Creek or McLean Lake for the benefit of the Bonaparte Band. There is no current information on file regarding the status of the Bonaparte Band's application on Cornwall Creek and McLean Lake. However, an objection to the application was received on August 12, 1993 from a third party.

Notes:

The application filed by the Bonaparte Band on February 10, 1992 is still outstanding.

LOON LAKE #4

Hihium Creek

History:

June 2, 1958	The Comptroller of Water Rights issued Conditional Water Licence 24253 to the Director of Indian Affairs in accordance with their application. This licence bears a date of precedence of September 14, 1956 and authorizes the diversion of 80 acre feet of water a year from Hihium Creek for the irrigation of 40 acres of Indian Reserve No. 4, Loon Lake, Lillooet Land District.

Indian Affairs had originally applied for the right to divert 100 acre feet of water a year from Hihium Creek; however, a lesser quantity was authorized as being sufficient for the area to be irrigated.

Current Status:

There are a total of 6 active licences on Hihium Creek. Of these licences:

- Five authorize the diversion and use of water for irrigation purpose, with a total quantity authorized of 341 acre feet per annum.
- One authorizes the diversion and use of 2,500 gallons of water a day for waterworks purpose.

Conditional Water Licence 24253, in the name of the Bonaparte Band, is fifth in priority. There is no recent information on file with respect to the exercise of rights under this licence.

Notes:

Conditional Water Licence 24253 authorizes the diversion of a lesser quantity of water than what was originally applied for.

LOWER HAT CREEK #2

Hat Creek

History:

Aug 6, 1881 Minute of Decision of the Indian Reserve Commission, constituting of Upper Hat Creek Reserve No. 1 and Lower Hat Creek Reserve No. 2:

> *"500 inches of water to be taken from Hat Creek is allotted for the use of the Indians."*

- The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow over a 120 day irrigation season would be 6.664 acre feet for each miner's inch.

Sept 1, 1902 In accordance with an application made by A.W. Vowell, Indian Superintendent, on behalf of the Bonaparte Indians, by Order, the Lieutenant Governor-in-Council authorized that,

> *"a record of 100 inches of water from Hat Creek, Lillooet District, be made for the use of the Indians on the Bonaparte Indian Reserve No. 2, for ordinary domestic and agricultural purposes."*

The application was originally for 200 inches of water from Hat Creek; however, in view of water rights already granted to other persons, the Commissioner for the District considered the amount of water applied for to be excessive. The Indian Superintendent was informed of the Commissioner's decision and consented to the reduced quantity of water authorized.

June 4, 1908 By Order, the Lieutenant Governor-in-Council authorized that a grant of water rights be made in favour of the Bonaparte Indian Band:

> *"Water Record No. 56, dated November 7, 1902, issued to the Bonaparte Indian Reservation No. 2, for 100 inches of water from Hat Creek for use on Bonaparte Indian Reservation No. 2."*

July 18, 1921 At a final hearing before the Board of Investigation, acting pursuant to the *Water Act 1914*, the Board determined that on the 26th day of September, 1888 there was filed in the office of the Dominion Lands Agent a bona fide application for a record of water from Hat Creek and a creek tributary to Hat Creek. The Order of the Board, numbered 2436, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Hat Creek and a creek tributary to Hat Creek,
(ii) take precedence from the 26th day of September, 1888,
(iii) authorize the diversion of a maximum of 951 acre feet of water a year for the irrigation of 317 acres of Lower Hat Creek Indian Reserve (No. 2 Bonaparte), provided that 1,500 gallons of water a day throughout the year could also be used for domestic purposes.

Apr 24, 1924 The Comptroller of Water Rights issued Conditional Water Licence 7505, which embodied the terms and conditions set out in Board Order 2436.

Dec 10, 1936 The Comptroller issued Final Water Licence 9825 to the Superintendent-General of Indian Affairs. This licence, issued in substitution of Conditional Water Licence 7505 bears a date of precedence of September 26, 1888, and authorizes the diversion of 168 acre feet of water a year from Hat Creek for the irrigation of 55.6 acres of Lower Hat Creek, provided that of this quantity 1,500 gallons a day could be used for domestic purpose.

A lesser quantity of water was authorized with the issuance of Final Water Licence 9825 as being sufficient for the area to be irrigated. The unnamed tributary to Hat Creek was not included a source for Final Water Licence 9825 because it was not in use at the time the final licence survey took place.

Current Status:

Final Water Licence 9825 (fifth in priority) is the only active licence on Hat Creek for the benefit of the Bonaparte Indians on Lower Hat Indian Reserve #2.

Information on file indicates that the Bonaparte Indian Band contacted Water Management regarding water shortages on Hat Creek in the late 1970Õs. There is no recent information on file with respect to the exercise of rights under Final Water Licence 9825.

Notes

1. The allocation made by the Indian Reserve Commission is dated August 6, 1881, which is an earlier date than the date of precedence given to Final Water Licence 9825.

2. The allocation made by the Indian Reserve Commission granted the diversion of a greater quantity of water from Hat Creek than the amount formally recognized by the Province.

3. The quantity of water authorized under Conditional Water Licence 7505 was consistent with the allocations made by the Orders of the Lieutenant Governor in Council. However, the quantity of water authorized under Final Water Licence 9825, issued in substitution of Conditional Water Licence 7505, is less than the amount allocated by the Orders in Council.
4. The issue of Final Water Licence 9825 resulted in the loss of licensed rights on the small stream tributary to Hat Creek.

MAUVAIS ROCHER #5

No indication has ever been made of any water licences having been granted to the Bonaparte Band with respect to Mauvais Rocher #5. In addition, no evidence is available to indicate that any allocation of water rights to these reserves has ever been intended.

UPPER HAT CREEK #1

Baines Spring, Hat Creek & Two Stream Creek

History:

Aug 6, 1881 Minute of Decision of the Indian Reserve Commission, constituting Upper Hat Creek Reserve No. 1 and Lower Hat Creek Reserve No. 2:

> *"500 inches of water to be taken from Hat Creek is allotted for the use of the Indians."*

July 18, 1921 At a final hearing before the Board of Investigation, acting pursuant to the *Water Act, 1914*, the Board determined that on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent a bona fide application for a record of water from Upper Hat Creek, Two Stream Creek and Spring "L" for use on the Upper Hat Creek Indian Reserve (No. 1 Bonaparte) and that water from the said creeks and spring has been used for beneficial purposes on the said Indian Reserve. The Order of the Board, numbered 2435, set out that a conditional water licence should be issued which would:

(i) provide the diversion of water from Hat Creek, Two Stream Creek and Spring "L",
(ii) take precedence from the 26th day of September, 1888,
(iii) authorize the diversion of a maximum of 1443 acre feet of water a year for the irrigation of 481 acres of Upper Hat Creek Indian Reserve (No. 1, Bonaparte),

provided that 1,500 gallons of water a day throughout the year could also be used for domestic purpose.

Nov 3, 1924 The Comptroller of Water Rights issued Conditional Water Licence 7789, which embodied the terms and conditions set out in Board Order 2435.

Jan 20, 1938 The Comptroller of Water Rights issued Final Water Licence 10210 to the Director of Indian Affairs. This licence, issued in substitution of Conditional Water Licence 7789, bears a date of precedence of September 26, 1888 and authorizes the diversion of 350 acre feet of water a year from Hat Creek, Two Stream Creek and Spring "L" for the irrigation of 116.3 acres of the Upper Hat Creek Indian Reserve No. 1 (Bonaparte), provided that 1,500 gallons of water a day throughout the year could also be used for domestic purpose.

A lesser quantity was authorized with the issue of Final Water Licence 10210, as being sufficient for the area to be irrigated.

Sept 2, 1965 The Deputy Comptroller of Water Rights issued an Order amending the name of the unnamed spring authorized under Final Water Licence 10210 to Baines Spring.

Current Status:

Final Water Licence 10210 (sixth in priority on Hat Creek) is the only active water licence for the benefit of the Bonaparte Band on Upper Hat Creek Reserve No. 1. Final Water Licence 10210 is the only water licence on Baines Spring and Two Stream Creek. There is nothing on file with respect to the current exercise of rights under this licence.

Notes:

1. The allocation made by the Indian Reserve Commission is dated August 6, 1881, which is an earlier date than the date of precedence given to Final Water Licence 10210.

2. The allocation made by the Indian Reserve Commission granted the diversion of a greater amount of water from Hat Creek than the quantity formally recognized by the Province.

3. The issuance of Final Water Licence 10210 resulted in the loss of licensed rights on Hat Creek with respect to Upper Hat Creek Reserve No. 1.

OTHER INFORMATION:

Additional Water Records:

The *Schedule of Indian Reserves in the Dominion*, 1913, is a document published by the federal government, recording each Band's water allocations up to 1913. We believe these records are a compilation of Minute of Decisions, Order-in-Councils, and perhaps other documents; however, as original copies of these documents are unavailable, the dates and information cannot be verified.

Allocations in the *Schedule of Indian Reserves in the Dominion* for the benefit of the Bonaparte Band which are inconsistent with our findings are:

Reserve	Water Allocation
Mauvais Rocher #5	*"30 inches of water recorded from Knife creek, and all the water from all other sources of water-supply on the reserve."* No record can be found granting water from a Knife Creek or from all other sources of water supply on the reserve. However, this allocation was abandoned by the Indian Commissioner on January 16, 1926.
Upper Hat Creek #1	*"100 inches of water recorded from the stream which discharges into Hat creek opposite the Marble canyon, 150 inches from Hat creek, and all the water from all other sources of water-supply on the reserve".* Board Order number 4685 determined that a bona fide application for water from Upper Hat Creek, Two Stream Creek and Spring "L" was filed on the 26th day of September, 1888, and the Band was granted 1443 acre feet of water a year. The quantity authorized under the Board Order is less than the amount (250 inches or 1666 acre feet per annum) stated in the Dominion's Schedule. No record can be found granting water from all other sources of water supply on Upper Hat Creek #1.

Lower Hat Creek #2

"100 inches of water recorded from Sultatkua creek, 150 inches from Hat creek, and all the water from all other sources of water-supply on the reserve".

No record can be found granting water from a Sultatkua Creek.

Board Order number 2436 determined that a bona fide application for water from Hat Creek and a creek tributary to Hat Creek was filed on the 26th day of September, 1888, and the Band was granted 951 acre feet of water a year. The quantity authorized under the Board Order is less than the amount (150 inches or 999.6 acre feet per annum) stated in the Dominion's Schedule.

No record can be found granting water from all other sources of water supply on the reserve.

The *Schedule of Indian Reserves in the Dominion* also recorded that a temporary reserve for fishing purposes at the west end of Hihium Lake had been granted to the Bonaparte, Nicola and Kamloops Bands. This fishing reserve was subject to cancellation by the Minister of the Interior on one year's notice.

Groundwater Records:

Review of records of the Groundwater Section finds evidence of two wells on Lower Hat Creek Reserve No. 2 and seven wells on Bonaparte Reserve No. 3. There is no groundwater information for the remainder of the Bonaparte Band's reserves. The amount of water which the wells on Lower Hat Creek Reserve No. 2 yields is unknown. The amount of water which the wells on Bonaparte Reserve No. 3 yield ranges from 10 gallons of water a minute to 35 gallons of water a minute. Further details regarding the wells on these two reserves are included in the attachments of this report. The extent to which these wells are utilized at this time is unknown and as provision of this information is voluntary, it cannot be assumed to be complete.

Municipal Water Sources:

The proximity of the Bonaparte Band to Cache Creek, south of Bonaparte Reserve No. 3, along the Bonaparte River, presents the potential for water supply to the Reserves via a municipal water system.

The Village of Cache Creek has licences to obtain water from Bonaparte River and Lopez Creek for waterworks purposes, with a total amount authorized of 845,107,130 gallons of water a year. Currently, the Village of Cache Creek obtains all its water from groundwater sources.

Summary of Water Rights Records

Bonaparte Indian Band

Reserve Name	File Number	Document Type	Status	Superceded By	Priority Date	Water Source	Licence PUC/MOD & OIC Allotments	Comments
Bonaparte #3	0002415	C 7844	S	F 11589	1888/09/26	Bonaparte River	5,000 GD/Incidental Domestic 672 AF/Irrigation	
Bonaparte #3	0241009	F 11589	C		1888/09/26	Bonaparte River	135.90 AF/Irrigation	
Bonaparte #3	0251084	F 18250	C		1963/07/15	Bonaparte River	2,500 GD/Domestic	
Bonaparte #3	0002433	C 7886	X		1888/09/26	Hat Creek	5,000 GD/Incidental Domestic 336 AF/Irrigation	
Bonaparte #3	0002447	C 7845	X		1902/11/07	Hat Creek	5,000 GD/Incidental Domestic 672 AF/Irrigation	
Bonaparte #3	0211460	C 24002	A		1956/04/12	Perry Creek	20 AF/Irrigation	
Bonaparte #3	0248249	F 18213	S	C 68633	1963/02/14	Perry Creek	63.60 AF/Irrigation	

Reserve Name	File Number	Document Type	Status	Superceded By	Priority Date	Water Source	Licence PUC/MOD & OIC Allotments	Comments
Bonaparte #3	0248249	C 68633	C		1963/02/14	Perry Creek	0.01 CS/Ponds 63.60 AF/Irrigation	
Bonaparte #3	3001907	Z 103622	Refused		1991/02/18	Perry Creek	500 CS/IFHAT	
Bonaparte #3	0219261	F 18120	C		1958/02/07	Settlement Brook	11.40 AF/Irrigation	
Bonaparte #3	0219261	C 24984	S	F 18120	1958/02/07	Settlement Brook	2,500 GD/Domestic 15 AF/Irrigation	
Grasslands #7	3002121	Z 104233	C		1992/02/19	Cornwall Creek McLean Lake	5 CS/Hatch 1920 AF/Irrigation 1920 AF/Storage	
Loon Lake # 4	0213481	C 24253	C		1956/0914	Hihium Creek	80 AF/Irrigation	
Lower Hat Creek #2		MOD			1881/08/06	Hat Creek	500 inches from Hat Creek (AGBC #590462)	
Lower Hat Creek #2	0241011	C 7505	S		1888/09/26	Hat Creek & a creek tributary to Hat Creek	951 AF/Irrigation 1,500 GD/Incidental Domestic	
Lower Hat Creek #2	0241011	F 9825	C		1888/09/26	Hat Creek	168 AF/Irrigation 1,500 GD/Domestic	
Lower Hat Creek #2		OIC			1902/09/13	Hat Creek	OIC 389/1902 100 inches from Hat Creek (AGBC #638)	

Reserve Name	File Number	Document Type	Status	Superceded By	Priority Date	Water Source	Licence PUC/MOD & OIC Allotments	Comments
Lower Hat Creek #2		OIC			1908/06/04	Hat Creek	OIC 368/1908 - Water Record #56 100 inches from Hat Creek (AGBC #676)	
Upper Hat Creek #1		MOD			1881/08/06	Hat Creek	500 inches from Hat Creek (AGBC #590462)	
Upper Hat Creek #1	0241010	C 7789	S	F 10210	1888/09/26	Baines Spring Hat Creek Two Stream Creek	1,500 GD/Incidental Domestic 1,443 AF/Irrigation	
Upper Hat Creek #1	0241010	F 10210	C		1888/09/28	Baines Spring Hat Creek Two Stream Creek	1,500 GD/Domestic 350 AF/Irrigation	

Geo. A. Walkem

Minutes of Decision.

Bonaparte Indians.

No. 1.

A Reserve of 2040 acres, situated in the Hat creek valley, between the Marble cañon and Mr Hugh Gallagher's claim.

20[illegible]/IL Commencing at Mr Gallagher's South-western corner post, and running East 90 chains; thence South 60 chains; thence West 60 chains; thence South 80 chains; thence West 50 chains; thence South 60 chains; thence West 100 chains; thence North 60 chains; thence East 50 chains; thence North 160 chains; thence East 80 chains; thence North 40 chains; and thence East 60 chains to place of commencement.

No. 2.

A Reserve of 2030 acres, situated on Hat creek, below Mr Gallagher's claim and about 1¼ mile below Reserve No. 1.

2078/IL Commencing at a fir tree marked Indian Reserve, on the left bank of Hat creek, and running thence North 110 chains; thence East 280 chains; thence South 60 chains; thence West 200 chains; thence

Bonaparte Indians.

No 2 Continued.

thence South 80 chains; and thence West 80 chains to place of commencement.

Water

500 inches of Water, to be taken from Hat creek, is allotted for the use of the Indians.

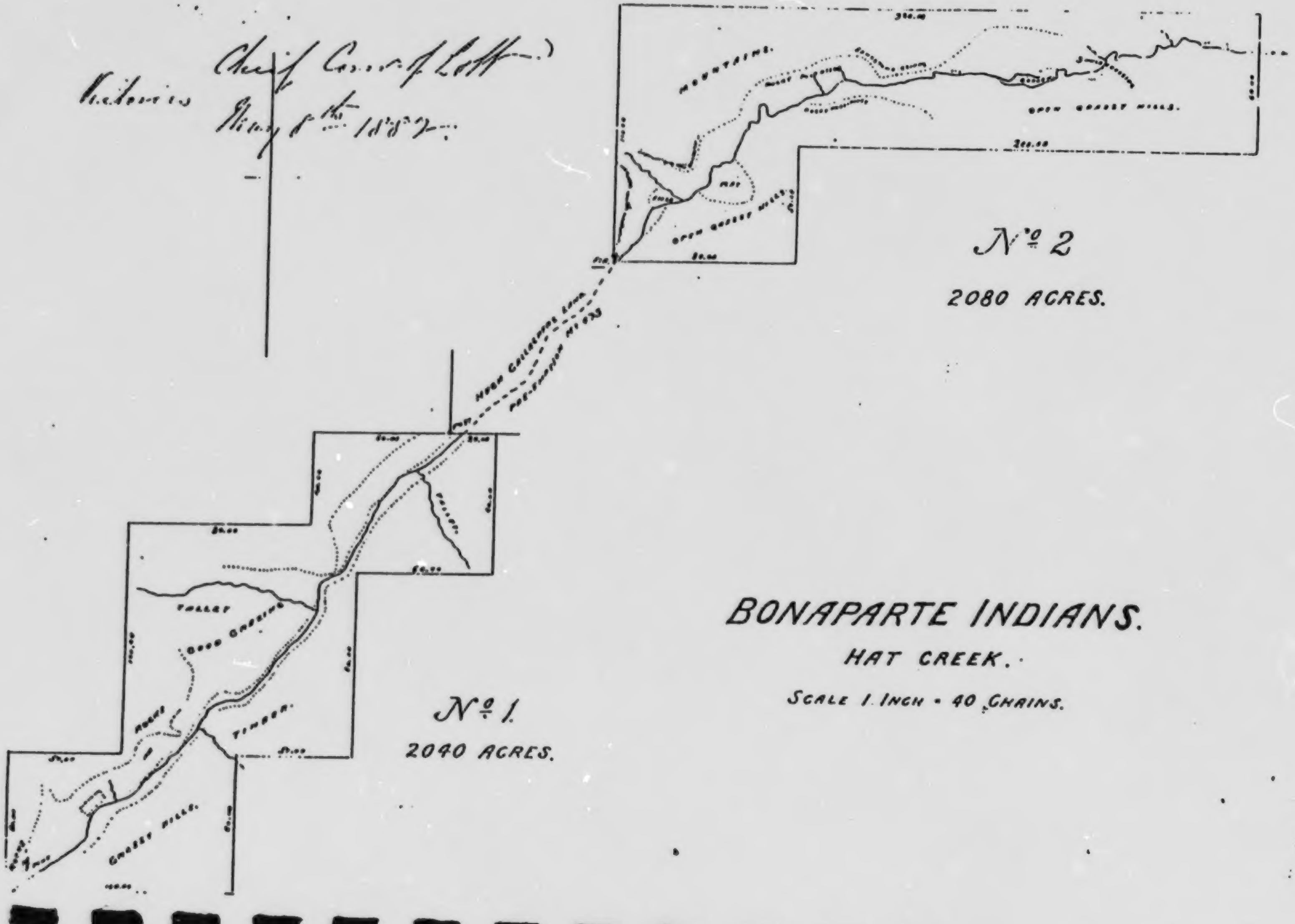
P. O'Reilly
I.R.C.

Bonaparte, B.C.
August, 6th 1881.

Approved,

Chief Commr of L&W)

Victoria May 8th 1882.


MOUNTAINS.
OPEN GRASSY HILLS.
HAY
OPEN GRASSY HILLS.
380.00
300.00
80.00
HIGH CALCAREOUS LAND
PRE-EMPTION No 633
VALLEY
GOOD GRAZING
ROCKS
TIMBER.
GRASSY HILLS.
80.00
160.00
No 1
2040 ACRES.
No 2
2080 ACRES.

BONAPARTE INDIANS.

HAT CREEK.

SCALE 1 INCH = 40 CHAINS.

389/1902 I

Dated 13th September

ORDER IN COUNCIL

providing

recording 100 inches
of water Hat Creek,
Lillooet District
for use of Indians
on Bonaparte Reserve #2
for domestic & agric.
purposes

AGBC 638.

#389

APPROVED AND ORDERED THIS 13th DAY OF September, A.D. 1902

Henri G. Joly de Lotbinière
LIEUTENANT-GOVERNOR.

At the Executive Council Chamber, Victoria, B. C.,

The 1st *day of* September, , *A. D. 190*2.

Present:

The Honourable

Mr. *(in the Chair)*

Mr.

Mr.

Mr.

Mr.

On the recommendation of the Honourable the Chief Commissioner of Lands and Works

and under the provisions of ——————— *Chapter* 190: R.S.

His Honour the Lieutenant-Governor of British Columbia, by and with the advice of his Executive Council, doth order as follows:

That a record of 100 inches of water from Hat Creek, Lillooet District, be made for the use of the Indians on the Bonaparte Indian Reserve No. 2, for ordinary domestic and agricultural purposes.

A. Campbell Reddie.
Deputy Clerk: Executive Council.

#389

To His Honour

The Lieutenant-Governor in Council

The undersigned has the honour to report that A. W. Vowell, Esq., Indian Superintendent, has made application on behalf of the Bonaparte Indians to record the right to divert 200 inches of water from Hat Creek, Lillooet District, and to convey by a ditch some seven miles in length and use the same for ordinary domestic and agricultural purposes on the Bonaparte Indian Reserve No. 2.

That the provisions of the "Water Clauses Consolidation Act, 1897" have been fully complied with by the applicant. The Commissioner for the District has reported upon the application and in view of water rights already granted to other persons he considers the amount of water applied for to be excessive. That the Indian Superintendent has intimated his consent that the quantity of water should be reduced one half.

And to recommend that a record of 100 inches of water for the benefit of the Indians in question be made.

Dated this 1st day of Sept A. D. 1902.

W. C. Wells
Chief Commissioner of Lands and Works

Approved this 1st day of Sept A. D. 1902.

Edw. Gawler Prior
Presiding Member of the Executive Council.

368.
1908.

Dated 4th June

ORDER IN COUNCIL

providing for
Confirmation of
Water Records for
certain Indian
Reserves.

AGBC 676

At the Executive Council Chamber, Victoria, B. C.,

The 2nd: *day of* June, *, A. D. 190*8.

Present:

The Honourable

Mr. McBride. *in the Chair.*

Mr. Fulton.

Mr. Tatlow.

Mr. Young.

Mr.

On the recommendation of the Honourable

The Chief Commissioner of Lands and Works,

and under the provisions of __________ *Chapter* 190: R.S.

His Honour the ~~*Lieutenant Governor*~~ Administrator *of British Columbia, by and with the advice of his Executive Council, doth order as follows:* that the Water Records referred to in the annexed Minute of Council be and are hereby ratified and confirmed and that a certified copy ~~copies~~ of the Minute ~~attached hereto~~ said ~~Order in Council~~ be forwarded to the Assistant Commissioner of Lands and Works at (Lillooet) Clinton? and to A. W. Vowell, Superintendent of Indian Affairs at Victoria, ~~respectively~~.

A. Campbell Reddie.
Deputy Clerk, Executive Council.

APPROVED AND ORDERED THIS 4th DAY OF June A.D. 1908

~~LIEUTENANT-GOVERNOR.~~ Administrator

44 5/6

cct/

To His Honour

The ~~Lieutenant Governor~~ administrator in

The undersigned has the honour to report for the con

Council:-

That the following Water Records have been issued by the Assistant Commissioner of Lands and Works at Clinton under the provisions of the Water Clauses Consolidation Act, without first having obtained the authority of the Lieutenant Governor in Council as provided by said Section.

Water Record No. 16 dated April 5th, [illegible], issued to the Indian Reserve, McCartneys Flat below Lillooet, for 20 inches of water out of a small spring adjoining the said Indian Reserve, for use on the Indian Reserve, McCartneys Flat.

Water Record No. 20, dated August 24th, 18[illegible]9, issued to Fountain Indian Reserve, Lorenzo Valley for 100 inches of water out of We-e-ris Creek, for use on Indian Reserve, Lorenzo Valley.

Water Record No. 20, dated January [illegible], 1900, issued to Anderson Lake, Indian Reservation, for 100 inches of water from a small stream flowing from the mountain on the West side of Anderson Lake Reserve about a quarter of a mile from the head of the Lake for use on Anderson Lake, Indian Reservation.

Water Record No. 56, dated November 7th, 1902, issued to Bonaparte Indian Reservation No. 2, for 100 inches of water from Hat Creek for use on Bonaparte Indian Reservation No. 2.

Water Record No. 59 dated May 15th, 1903, issued to Lillooet Indian Reservation for 100 inches of water out of three small springs about four miles North of the town of Lillooet for use on Lillooet Reservation.

Water Record No. 64 dated November, [illegible], 1903, issued to the High Bar Indians for 200 inches of water from Watson Bar Creek for use on the High Bar Indian Reservation.

Water Record No. 65 dated June 30th, 1904, issued to the Fountain Indians for 100 inches of water from Fountain Creek for use on the Fountain Indian Reserve.

Water Record No. 78 dated September 1st, 1905, issued to the Pavilion Band of Indians for 100 inches of water from a small stream running into a lake named on the Indian Map No. 34, in Marble Canyon, for use on Pavilion Indian Reserve No. 3.

Water Record No. [illegible] dated September 1st, 1905, issued to the Pavilion Band of Indians for 30 inches of water from a small stream on the Mountain side above a lake named on the Indian Map "No. 34", in Marble Canyon for use on the Pavilion Indian Reserve No. 3.

AND TO RECOMMEND that the aforementioned Water Records be ratified and confirmed as from their respective dates of issue subject to such prior rights as existed and that a certified ~~copies~~ copy of ~~the Order in Council~~ this Minute if approved be forwarded to the Assistant Commissioner of Lands and Works at Lillooet and to A. W. Vowell, Superintendent of Indian Affairs at Victoria. respectively.

Dated this 30th day of May, A.D. 1908.

Fred. J. Fulton

Chief Commissioner of Lands and Works.

Approved this 2nd day of ~~May~~ June, A. D. 1908.

Richard McBride

Presiding Member of the Executive Council.

PROVINCE OF
BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

CONDITIONAL WATER LICENCE.

(For a n Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 2436, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a Conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this Conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Lower Hat Creek Indian Reserve (No.2 Bonaparte)

Superseded by
Final Licence [illegible]

Made and entered this 24th day of April 1924

E. A. Cleveland
Comptroller of Water Rights.

No. 7505

Form No. 1000, W.R.B. (Licence in respect of Board Order)—1,500-1-23—504.

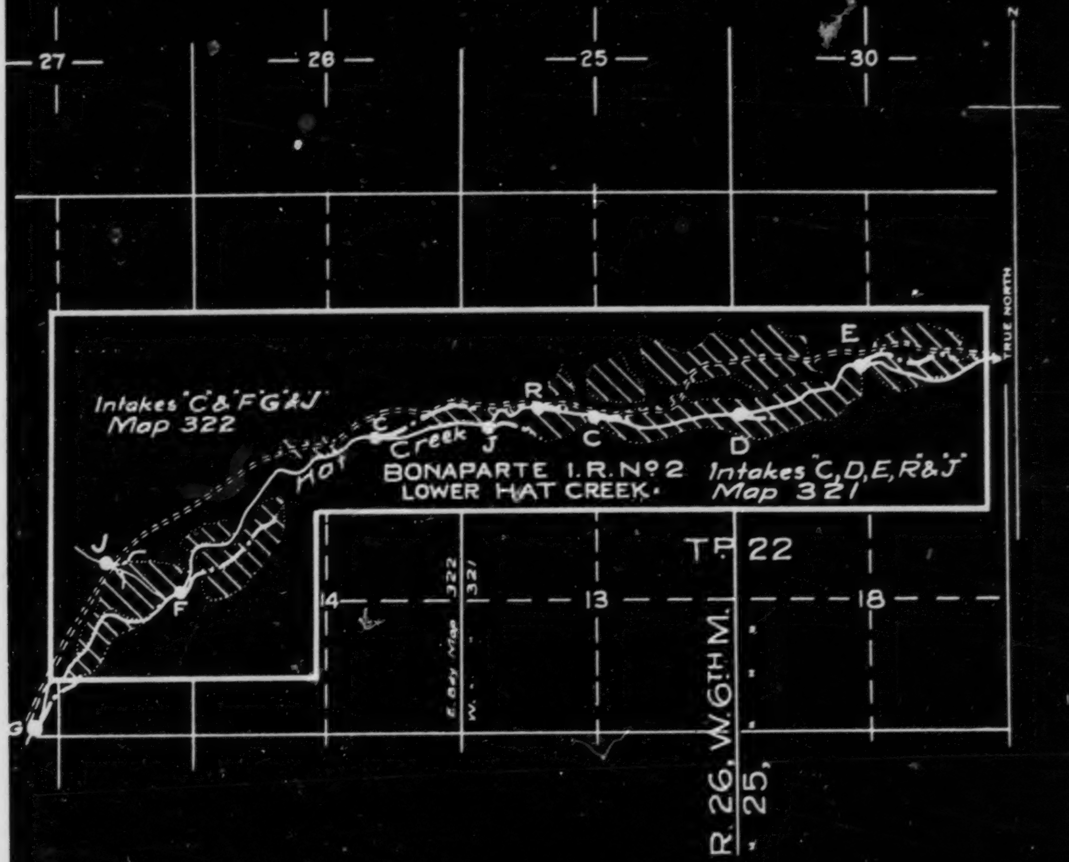
Copy [illegible]

British Columbia

To accompany Board Order No 2436

ASHCROFT WATER DISTRICT.

Scale, 40 Chains to 1 Inch.



27
26
25
30
N
TRUE NORTH
Intakes "C & F G & J"
Map 322
R
E
C
J
C
D
Hat Creek
BONAPARTE I.R. No 2
LOWER HAT CREEK.
Intakes "C, D, E, R & J"
Map 321
J
F
G
TP. 22
14
13
18
E. Bdy. Map 322
W. 321
R. 26, W. 6th M.
25,

LEGEND
Intake ●
Ditch —·—
Road ═══

The boundaries of the land to which the licence is appurtenant are shown shaded. 317·0 acres within the said boundaries are claimed to be irrigable, and shown by hatching.

Description of Works constructed:- Ditches.

Signature J.S.T. Alexander

J.E. Lane 24 Apr 1924

C.L. 7505 B.O. 2436

File 6-3-I.R.
8

RHL
CM

EXHIBIT "A"

R.B.

PROVINCE OF
BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

DETERMINATION AND ORDER.

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Hat Creek and a creek tributary to Hat Creek

in the neighbourhood of Hat Creek, in the

Ashcroft Water District.

NOW, on the 18th day of July 1921, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 6 & 8-3-1) that on the 26th day of September 1888 there was filed in the office of the Dominion Lands Agent at New Westminster, B.C. a bona fide application for a record of water from Hat Creek and a creek tributary to Hat Creek, for use on the Lower Hat Creek Indian Reserve (No.2 Bonaparte) and that water from the said creeks has been used for beneficial purposes on the said Indian Reserve

Form 586, W.R.B.--2,000-12-20.

Order No. 2436

Copy for Comptroller

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply are Hat Creek and a creek tributary to Hat Creek

(*b.*) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 26th September 1888

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 951 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 3 acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on Lower Hat Creek Indian Reserve (No.2 Bonaparte) of which 317 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1924, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of........1500........................gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding.......----------------------------------acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ......--------------------------and it may be stored (accumulated) in a reservoir at ......---.

...-------------------------------------between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*c*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this......24th......day of......April......, 1922

THE BOARD OF INVESTIGATION.

By ..."J.S.T.Alexander"..................., ~~Chairman,~~ Member

and ..."J.E.Lane"..................., *Member.*

[illegible] ON
Map No. 321-22
By [illegible]

Form 387, W.R.B.—2,000-12-20.

Order No.....2436

Copy [illegible]

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 2435, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Upper Hat Creek Indian Reserve (No.1, Bonaparte).

Superseded by 10410
Final Licence

Made and entered this 3rd day of November, 1924

E. A. Cleveland
Comptroller of Water Rights.

No. 7789

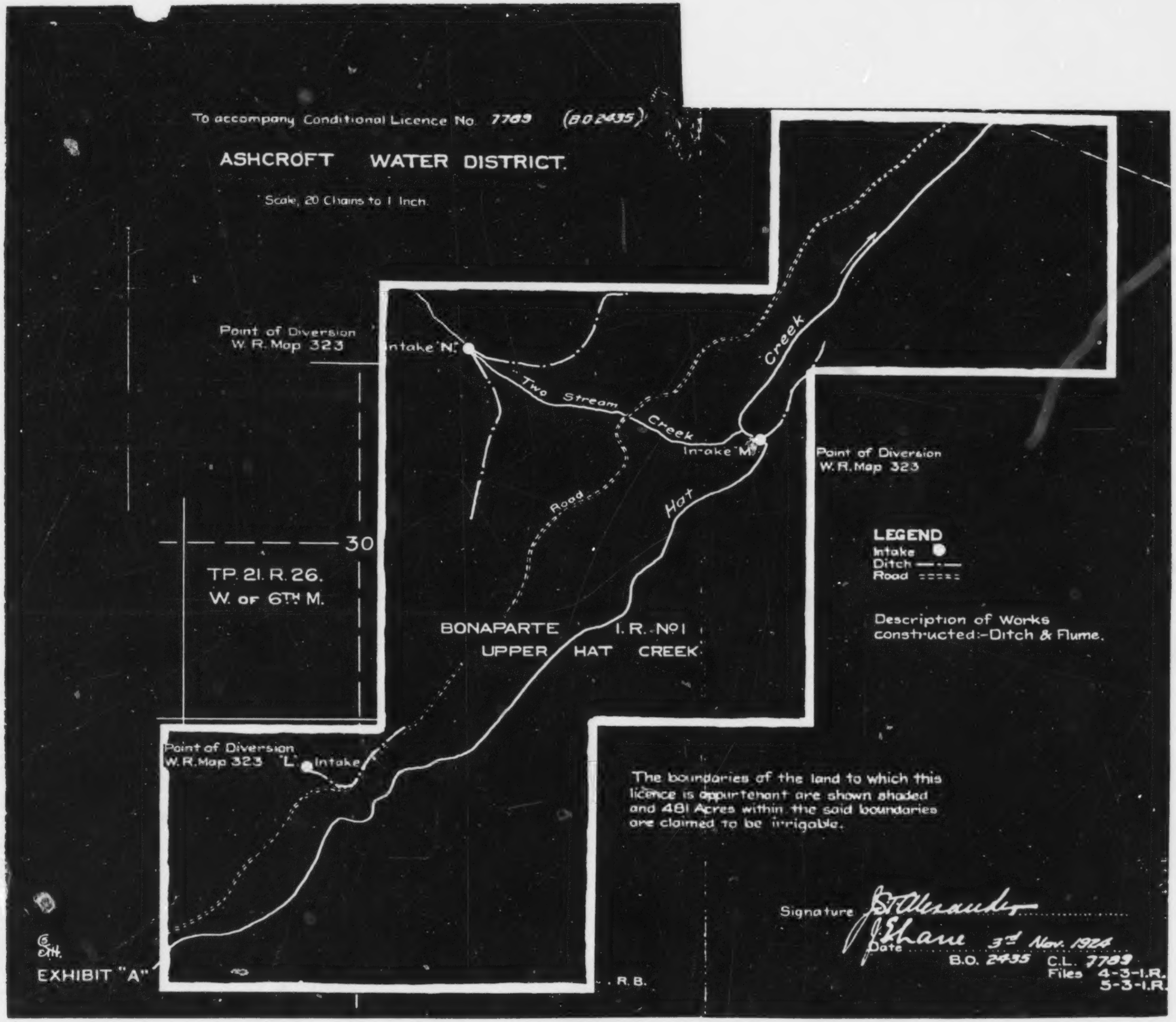
Form No. 1006, W.R.B. (Licence in respect of Board Order)—500-324-5764

Copy for Comptroller

To accompany Conditional Licence No. 7789 (B.O. 2435)

ASHCROFT WATER DISTRICT.

Scale, 20 Chains to 1 Inch.


Point of Diversion
W. R. Map 323
Intake "N."
Two Stream Creek
Creek
Intake "M."
Point of Diversion
W. R. Map 323
Road
Hat
30
TP. 21. R. 26.
W. of 6th M.
BONAPARTE I. R. No 1
UPPER HAT CREEK
Point of Diversion
W. R. Map 323 "L." Intake
R. B.

LEGEND
Intake ●
Ditch —·—
Road =====

Description of Works constructed:-Ditch & Flume.

The boundaries of the land to which this licence is appurtenant are shown shaded and 481 Acres within the said boundaries are claimed to be irrigable.

Signature J.T. Alexander
J. E. Lane
Date 3rd Nov. 1924

B.O. 2435 C.L. 7789
Files 4-3-I.R.
5-3-I.R.

EXHIBIT "A"

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Upper Hat Creek, Two Stream Creek and Spring "L"

in the neighbourhood of Hat Creek, in the

Ashcroft Water District.

NOW, on the 18th day of July, 1921, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 8.4 & 5-3-1) that on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B.C., a bona fide application for a record of water from Upper Hat Creek, Two Stream Creek and Spring "L" for use on the Upper Hat Creek Indian Reserve (No.1, Bonaparte) and that water from the said creeks and spring has been used for beneficial purposes on the said Indian Reserve.

Form 186, W.R.B.—500-124-87

Order No. 2435.

Copy for [illegible]

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply are Hat Creek, Two Stream Creek and Spring "L".

(*b.*) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 1443 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 3 acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Upper Hat Creek Indian Reserve (No.1, Bonaparte) of which 481 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

Board Order No. 2435.

Copy [illegible]

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 1500 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ------------------------ acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of -------------------- and it may be stored (accumulated) in a reservoir at -- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*c*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*c*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 3rd day of November, 192[illegible]

THE BOARD OF INVESTIGATION.

By "J.S.T.Alexander", Member.

and "J.E.Lane", *Member.*

323
By [illegible]

Form 387, W.R.B.—2,000-12-20.

Order No. 2435

Copy fo[illegible]

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For a n Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, ~~1914~~," duly held an investigation respecting the water set out in the order No. 2415, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, ~~1914~~," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Bonaparte Indian Reserve (No.3, Bonaparte).

Superseded by
Final Licence 11589

Made and entered this 19th day of December, 1921

E. A. Cleveland
Comptroller of Water Rights.

No. 7844

Form No. 1066, W.R.B. (Licence in respect of Board Order)—500-324-5764

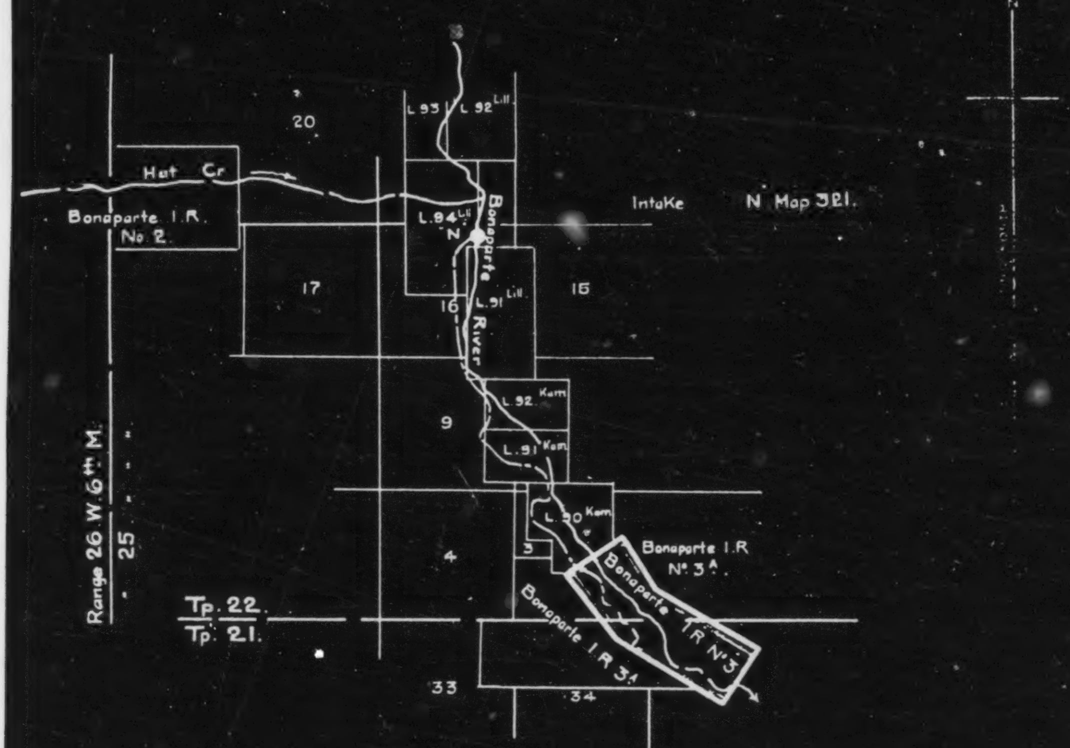
Copy for Comptroller

British Columbia

To accompany Record C 2415

ASHCROFT WATER DISTRICT.

Scale, 80 Chains to 1 Inch.


N
20
L.93
L.92 Lil.
Hat Cr.
Bonaparte I.R. No. 2.
L.94 Lil.
N
Bonaparte River
Intake
N Map 321.
17
16
L.91 Lil.
15
L.92 Kam.
9
L.91 Kam.
L.90 Kam.
3
4
Bonaparte I.R. No. 3A.
Bonaparte I.R. No. 3
Bonaparte I.R. 3A
Range 26 W. 6th M.
25
Tp. 22.
Tp. 21.
33
34

[illegible] ●
[illegible] —·—
[illegible] to which this
licence [illegible] shaded
224 acres [illegible] boundaries
are claimed to be [illegible]

[illegible] constructed.
Ditches

Signature J. S. T. Alexander
J. B. Lane. 19 Dec. 1924

T.H.W.
C.H.

R B

7844 2415
File 23-1.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Bonaparte River, a tributary of Thompson River.

in the neighbourhood of Hat Creek, **in the**

Ashcroft **Water District.**

NOW, on the 18th day of July, 1921, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 2-3-1) that, on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B.C., a bona fide application for a record of water from Bonaparte River, a tributary of Thompson River, for use on the Bonaparte Indian Reserve (No.3, Bonaparte) and that water from the said river has been used for beneficial purposes on the said Indian Reserve.

Form 586, W.R.B.—500-124-87

Order No. 2415.

7844

Copy for [illegible]

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(a.) The sources of the water supply is Bonaparte River, a tributary of Thompson River.

(b.) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(c.) The date ~~for~~ from which the said licence shall take precedence is 26th September, 1858.

(d.) The purpose for which the water is to be used is irrigation.

(e.) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 672 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 3 acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(f.) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(g.) The water may be used on the Bonaparte Indian Reserve (No.3, Bonaparte) of which 224 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(h.) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(i.) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(j.) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(k.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

Board Order No.2415.

7844

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 5,000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ------------------------------ acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ------------------------------ and it may be stored (accumulated) in a reservoir at -- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*c*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part ~~V~~ 2. of the "Water Act, ~~1914~~," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section ~~117~~ 74 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 19th day of December, 192[illegible]

THE BOARD OF INVESTIGATION.

By "J.S.T.Alexander", ~~*Chairman.*~~ Member.

and "J.E.Lane", *Member.*

320 + 321
EHL

Form 587 (3), W.R.B.—1M-1024-7719.

Order No. 2415.

Copy for [illegible]

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For a n Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, ~~1914~~," duly held an investigation respecting the water set out in the order No. 2447, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, ~~1914~~," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Bonaparte Indian Reserve (No.3, Bonaparte).

CANCELLED

[illegible]
1945

Made and entered this 19th day of December, 1924

E A Cleveland
Comptroller of Water Rights.

No. 7845

Form No. 1006, W.R.B. (Licence in respect of Board Order)—500-324-8704

W A T E R   A C T

Section 74

IN THE MATTER OF Conditional Water Licence No. 7845, dated 19th day of December, 1924, granted to the Department of Indian Affairs, authorizing the diversion and use of water from Hat creek for irrigation and incidentally domestic purpose on Bonaparte Indian Reserve (No.3, Bonaparte).

....

YOU ARE HEREBY NOTIFIED that you have failed to prove to my satisfaction:

(a) that the construction of the works authorized under the above-mentioned licence was begun within the time fixed therefor, and

(b) that the construction of the said works was prosecuted with due diligence.

YOU ARE FURTHER NOTIFIED that on the 21st day of January, 1935, I propose to cancel the said Conditional Water Licence No. 7845.

DATED at Victoria, B.C. this 17th day of December, 1934.

J Macdonald

Comptroller of Water Rights.

File 7-3-1.

TO: Supt.-General of Indian Affairs, et al.

WATER ACT

Section 74

CANCELLATION ORDER

BEFORE THE COMPTROLLER OF WATER RIGHTS:

In accordance with the notice of proposed cancellation dated 17th December, 1934, Conditional Water Licence 7845 is hereby cancelled.

DATED at Victoria, B.C. this 2nd day of February, 1935.

Comptroller of Water Rights.

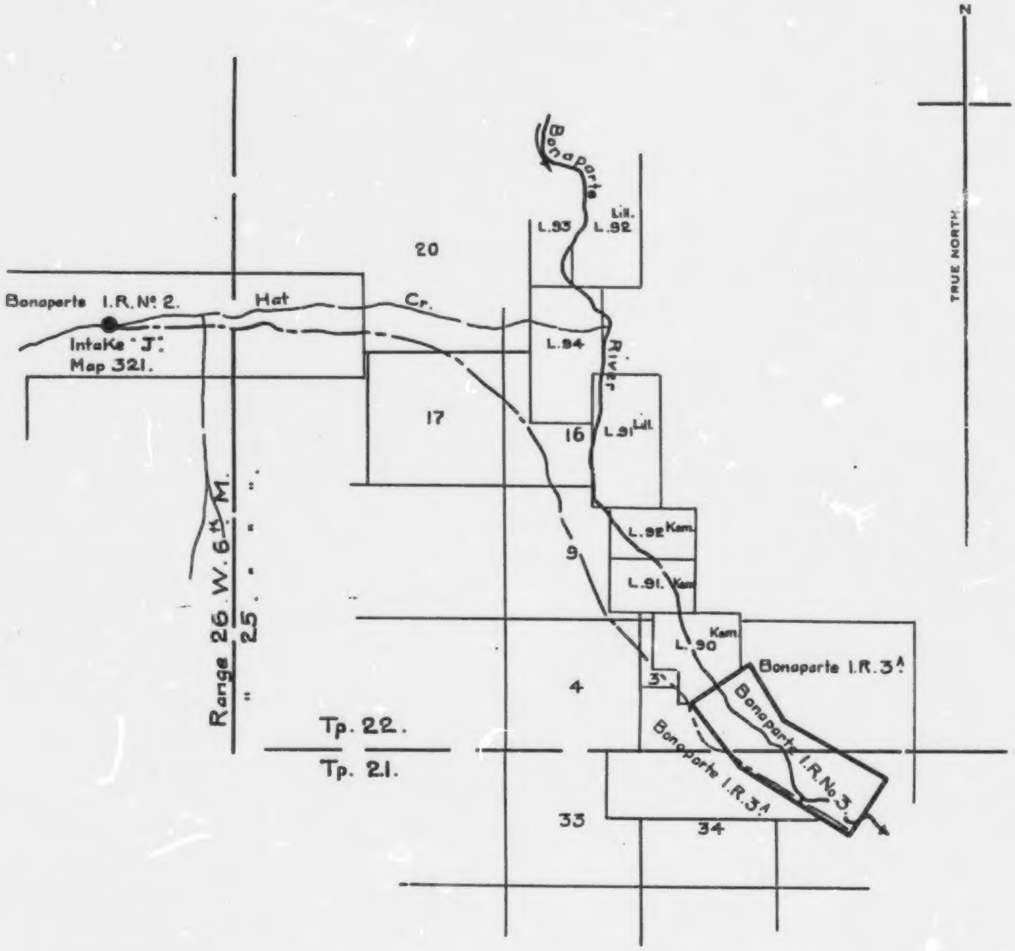
File 7-3-1.

British Columbia

To accompany Board Order No. 2447

ASHCROFT WATER DISTRICT.

Scale, 80 Chains to 1 Inch.


N
TRUE NORTH
Bonaparte River
L.93
L.92 Lil.
20
Bonaparte I.R. Nº 2.
Hat Cr.
Intake "J".
Map 321.
L.94
17
16
L.91 Lil.
L.92 Kam.
L.91. Kam.
9
Range 26 W. 6th M.
25
L.90 Kam.
Bonaparte I.R. 3A.
4
3A
Bonaparte I.R. No. 3.
Bonaparte I.R. 3A
Tp. 22.
Tp. 21.
33
34

LEGEND
Intake ●
Ditch —-—
Road
The boundaries of the land to which this licence is appurtenant are shown shaded.
191 acres within the said boundaries are claimed to be irrigable.

Description of Works to be constructed;
Ditch.

Signature J.T. Alexander
J. E. Lane 19 Dec. 1924

(C.L. 7845) B.O. 2447
File 7-3-I.R.

RHW
E.H.

EXHIBIT "A".

R.B.

250-124-4837

PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, ~~1914~~"

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Hat Creek, a tributary of Bonaparte River,

in the neighbourhood of Hat Creek, in the

Ashcroft Water District.

NOW, on the 18th day of July, 1921, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 7-3-1) that a valid water record affecting the said claim was made under authority of an Act passed prior to the 12th day of March, 1909, and that, under the said water record, the Bonaparte tribe or band of Indians was granted a right to take and use water from Hat Creek, a tributary of Bonaparte River, for irrigation and domestic purposes on the Bonaparte Indian Reserve, being Reserve No.3 of the said tribe or band.

rm 186. W.R.B.—500-124-57

Order No. 2447.

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The source~~s~~ of the water supply is Hat Creek, a tributary of Bonaparte River.

(*b.*) The point~~s~~ of diversion from the said source~~s~~ ~~are~~ is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 7th November, 1902.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 573 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 3 acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Bonaparte Indian Reserve (No.3, Bonaparte) of which 191 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

Form 587 (2). W.R.B.—1M-1024-7710

Board Order No.2447.

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 5,000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------------------------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ------------------------ and it may be stored (accumulated) in a reservoir at -- -- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*c*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part ~~V~~ 6. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section ~~117~~ 15 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 19th day of December, 192[illegible]

THE BOARD OF INVESTIGATION.

By J. F. Alexander, ~~Chairman.~~ Member.

and J. E. Lane, *Member.*

Form 587 (3), W.R.B.—1M-1024-7710.

Order No. 2447 a.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, ~~1914~~," duly held an investigation respecting the water set out in the order No. 2433, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, ~~1914~~," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Bonaparte Indian Reserve (No.3, Bonaparte).

CANCELLED

[illegible] 1945

Made and entered this 19th day of December, 1922

E. A. Cleveland
Comptroller of Water Rights.

No. 7886

Form No. 1006, W.R.B. (Licence in respect of Board Order)—500-324-5704

ORIGINAL

WATER ACT

Section 74

CANCELLATION ORDER

BEFORE THE COMPTROLLER OF WATER RIGHTS:

In accordance with the notice of proposed cancellation dated 17th December, 1934, Conditional Water Licence 7886 is hereby cancelled.

DATED at Victoria, B.C. this 2nd day of February, 1935.

JMacdonald

Comptroller of Water Rights.

File 3-3-1.

WATER ACT

Section 74

IN THE MATTER OF Conditional Water Licence No. 7836, dated 19th December, 1924, granted to the Department of Indian Affairs, authorizing the diversion of water from Hat creek for irrigation purpose on the Bonaparte Indian Reserve (No.3 Bonaparte).

....

YOU ARE HEREBY NOTIFIED that you have failed to prove to my satisfaction:

(a) that the construction of the works authorized under the above mentioned licence was begun within the time fixed therefor, and

(b) that the construction of the said works was prosecuted with due diligence.

AND YOU ARE FURTHER NOTIFIED that on the 21st day of January, 1935, I propose to cancel the said Conditional Water Licence No. 7836.

DATED at Victoria, B.C. this 17th day of December, 1934.

J Macdonald

Comptroller of Water Rights.

File 3-3-1.

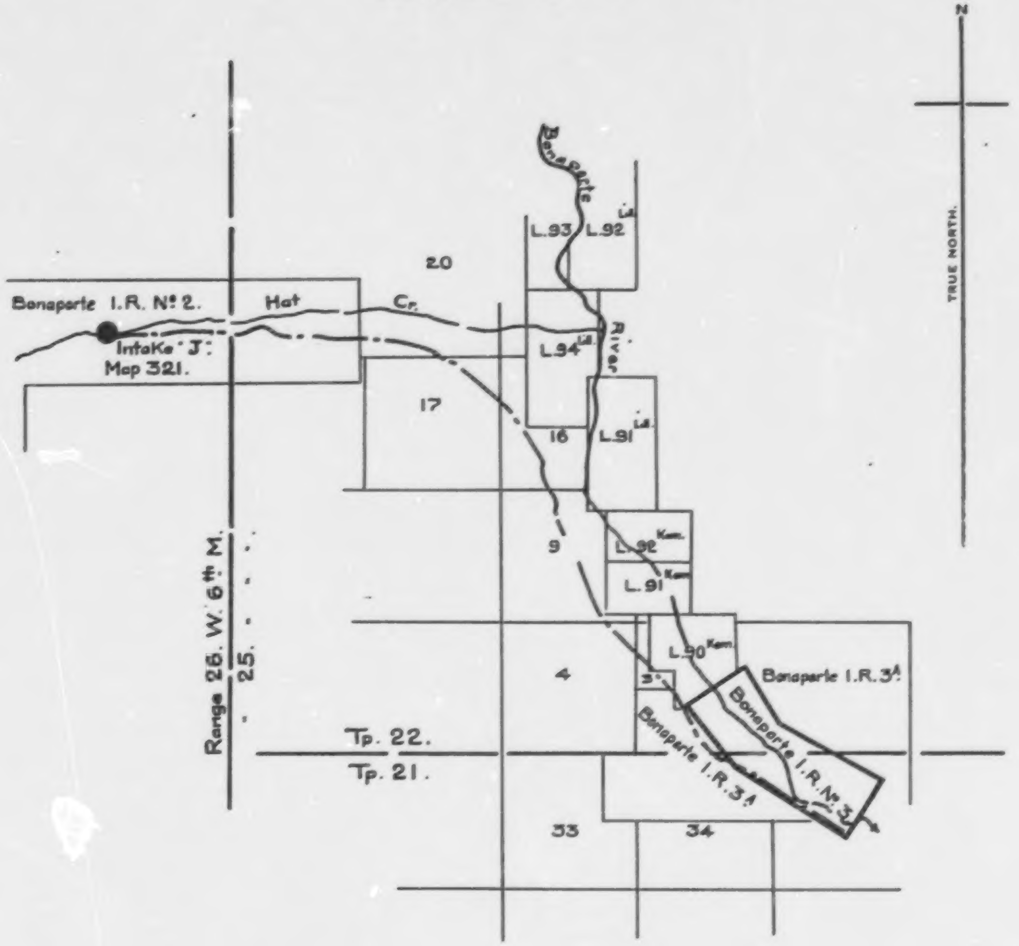
TO: Supt.-Gen. of Indian Affairs, et al.

British Columbia

To accompany Board Order No. 2433

ASHCROFT WATER DISTRICT.

Scale, 80 Chains to 1 Inch.



N
TRUE NORTH.
Bonaparte River
L.93
L.92 Lil.
20
Bonaparte I.R. Nº 2.
Hat Cr.
Intake "J".
Map 321.
L.94 Lil.
17
16
L.91 Lil.
9
L.92 Kam.
L.91 Kam.
L.90 Kam.
4
3
Bonaparte I.R. 3A
Bonaparte I.R. No 3.
Bonaparte I.R. 3A
Range 26. W. 6th M.
25.
Tp. 22.
Tp. 21.
33
34

LEGEND
Intake ●
Ditch —·—
Road
The boundaries of the land to which this licence is appertenant are shown shaded.
112 acres within the said boundaries are claimed to be irrigable.

Description of Works to be constructed, Ditch

Ref. E.H.

Signature J.T. Alexander
J.B. Lane 19 Dec. 1924

EXHIBIT "A"

R.B. (C.L. 7886.) B.O. 2433
File 3·3·1.

250-124-4837

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** **DEPARTMENT OF LANDS.**

DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, ~~1914~~."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Hat Creek, a tributary of Bonaparte River,

in the neighbourhood of Hat Creek, **in the**

Ashcroft **Water District.**

NOW, on the 18th day of July, 1921, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 3-3-1) that, on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B.C., a bona fide application for a record of water from Hat Creek, a tributary of Bonaparte River, for use on the Bonaparte Indian Reserve (No.3, Bonaparte), and that water from the said creek has been used for beneficial purposes on the said Indian Reserve.

Form 186, W.R.B.—500-12-4-87

Order No. 2433.

ORIGINAL

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The source~~s~~ of the water supply is Hat Creek, a tributary of Bonaparte River.

(*b.*) The point~~s~~ of diversion from the said source~~s~~ ~~are~~ is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 336 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 3 acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Bonaparte Indian Reserve (No.3, Bonaparte) of which 112 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

Board Order No. 2433.

ORIGINAL

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 5,000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ---------- and it may be stored (accumulated) in a reservoir at ---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*c*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part ~~V~~ 2. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section ~~117~~ 77 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 19th day of December, 1924

THE BOARD OF INVESTIGATION.

By J. T. Alexander, ~~Chairman.~~ Member.

and J. E. Lane, *Member.*

Form 587 (3), W.R.B.—1M-1024-7719.

Order No. 2433.

ORIGINAL

W.R.B. 13—0

PROVINCE OF BRITISH COLUMBIA

Water Rights Branch

DEPARTMENT OF LANDS AND FORESTS

CONDITIONAL WATER LICENCE

Department of Citizenship and Immigration, Indian Affairs Branch of Ottawa, Ontario.

is hereby authorized to divert and use water as follows:—

(*a*) The source of the water-supply is Perry Creek.

(*b*) The point of diversion is located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 12th April, 1956.

(*d*) The purpose for which the water is to be used is irrigation.

(*e*) The maximum quantity of water which may be diverted is 20 acre feet per annum, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is 1st April to 30th September.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is Indian Reserve No. 3, Bonaparte, Kamloops Division of Yale District, of which 10 acres may be irrigated.

(*h*) The works authorized to be constructed are pipe and sprinklers, and they shall be located approximately as shown on the attached plan.

(*i*) The construction of the said works shall be commenced on or before the 30th day of April, 1958, and shall be completed and the water beneficially used on or before the 31st day of December, 1960.

ENTERED ON
Map No. 320
By A—L

12 Feb 1963

Paget
A. F. Paget,
Comptroller of Water Rights.

File No. 0211460

Date issued 3rd February, 1958.

Licence No. 24002

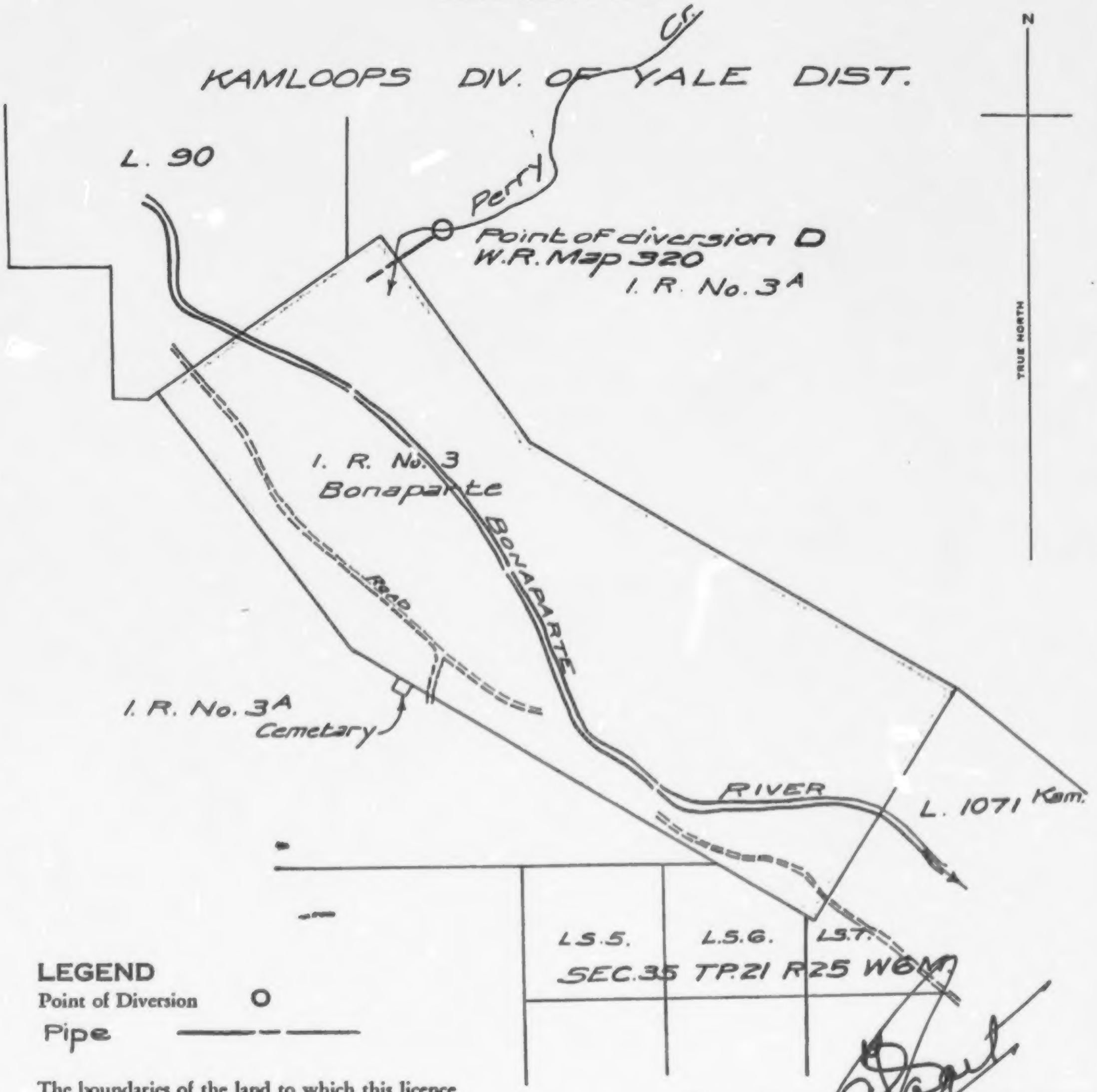
9

British Columbia

To accompany Conditional Licence No. 24002

ASHCROFT WATER DISTRICT

Scale: 20 Chains to 1 Inch


KAMLOOPS DIV. OF YALE DIST.
Cr.
N
TRUE NORTH
L. 90
Perry
Point of diversion D
W.R. Map 320
I. R. No. 3A
I. R. No. 3
Bonaparte
BONAPARTE
ROAD
I. R. No. 3A
Cemetary
RIVER
L. 1071 Kam.
L.S.5.
L.S.6.
L.S.7.
SEC.35 TP.21 R25 W6M.

LEGEND

Point of Diversion ○

Pipe ——— – ———

The boundaries of the land to which this licence is appurtenant are shown thus: ————

Signature

Date 3rd Feb. 1958

C.L. 24002
File 0211460

EXHIBIT "A"

W.R.B. 13—0

PROVINCE OF
BRITISH COLUMBIA

Water Rights Branch

DEPARTMENT OF
LANDS AND FORESTS

CONDITIONAL WATER LICENCE

Director of Indian Affairs, of Ottawa, Ontario,

is/are hereby authorized to divert and use water as follows:—

(*a*) The source (*s*) of the water-supply is/are Hihium Creek.

(*b*) The point (*s*) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 14th September, 1956.

(*d*) The purpose for which the water is to be used is irrigation.

(*e*) The maximum quantity of water which may be diverted is 80 acre feet per annum, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is 1st April to 30th September.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is Indian Reserve No. 4, Loon Lake, Lillooet Land District, of which 40 Acres may be irrigated.

(*h*) The works authorized to be constructed are diversion dam and old creek bed, and they shall be located approximately as shown on the attached plan.

(*i*) The construction of the said works shall be commenced on or before the 31st day of August, 19 58, and shall be completed and the water beneficially used on or before the 31st day of December, 19 60.

ENTERED ON
Map No. 332B
By [illegible]

A. F. Paget,
Comptroller of Water Rights.

File No. 0213481 Date issued 2nd June, 1958. Licence No. 24253

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES

ORDER

WATER ACT

Section 15

File No. 0213481

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 24253 , Hihium Creek to the 31st day of December, 1966.

H. D. DeBeck,
Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 17th day of February , 1965.

W.R.B. 42

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

ORDER

WATER ACT

Section 13

File No. 0213481

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 24253 , **Hihium Creek**, to the 31st day of December, 1964.

Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 22nd day of July , 1963.

W.R.B. 42

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

ORDER

WATER ACT

Section 15

File No. 0213481

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 24253 , Hihium Creek to the 31st day of December, 1962.

V. Raudsepp
V. Raudsepp,

Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 8th day of November , 1961.

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF LANDS AND FORESTS

Permit under the "Water Act" Authorizing the Occupation of Crown Land

Director of Indian Affairs, of Ottawa, Ontario,

the holder of a water licence authorizing the diversion of water from Hihium Creek,

is hereby authorized to occupy by constructing, maintaining and operating thereon the works authorized under the said water licence, and any licence which may be issued in substitution thereof,

the following Crown land, namely:— a portion of unsurveyed land lying South of Indian Reserve No. 4 (Loon Lake) Lillooet Land District, Kamloops Land Registration District, being 1100 feet in length and 15 feet in width the location of which is shown approximately on the plan attached to the said water licence and marked "Right-of-Way",

having an area of .3788 acres.

And, subject to the payment of royalty, stumpage, and other compensation as provided under Condition 5,

is authorized to cut and remove from the said land any timber, the removal of which is necessary to permit the construction of the said works.

There is payable in respect of this permit an annual rental of nil, which is subject to alteration at any time. Failure to pay the annual rental will render this permit subject to cancellation.

This permit is appurtenant to the land to which the aforesaid water licence is appurtenant.

The conditions relative to the rights granted under this permit are printed on the back of this form.

Issued the 2nd day of June, 1958.

R. Torrance
for Deputy Minister of Lands.

File 0213481
W.R. Map 332^B
Ref. Map 24^B (A-5)
W.R.B. 12—1M-634-9683

Conditional ~~Final~~ Licence No. 24253

PERMIT OVER CROWN LAND No. 4403

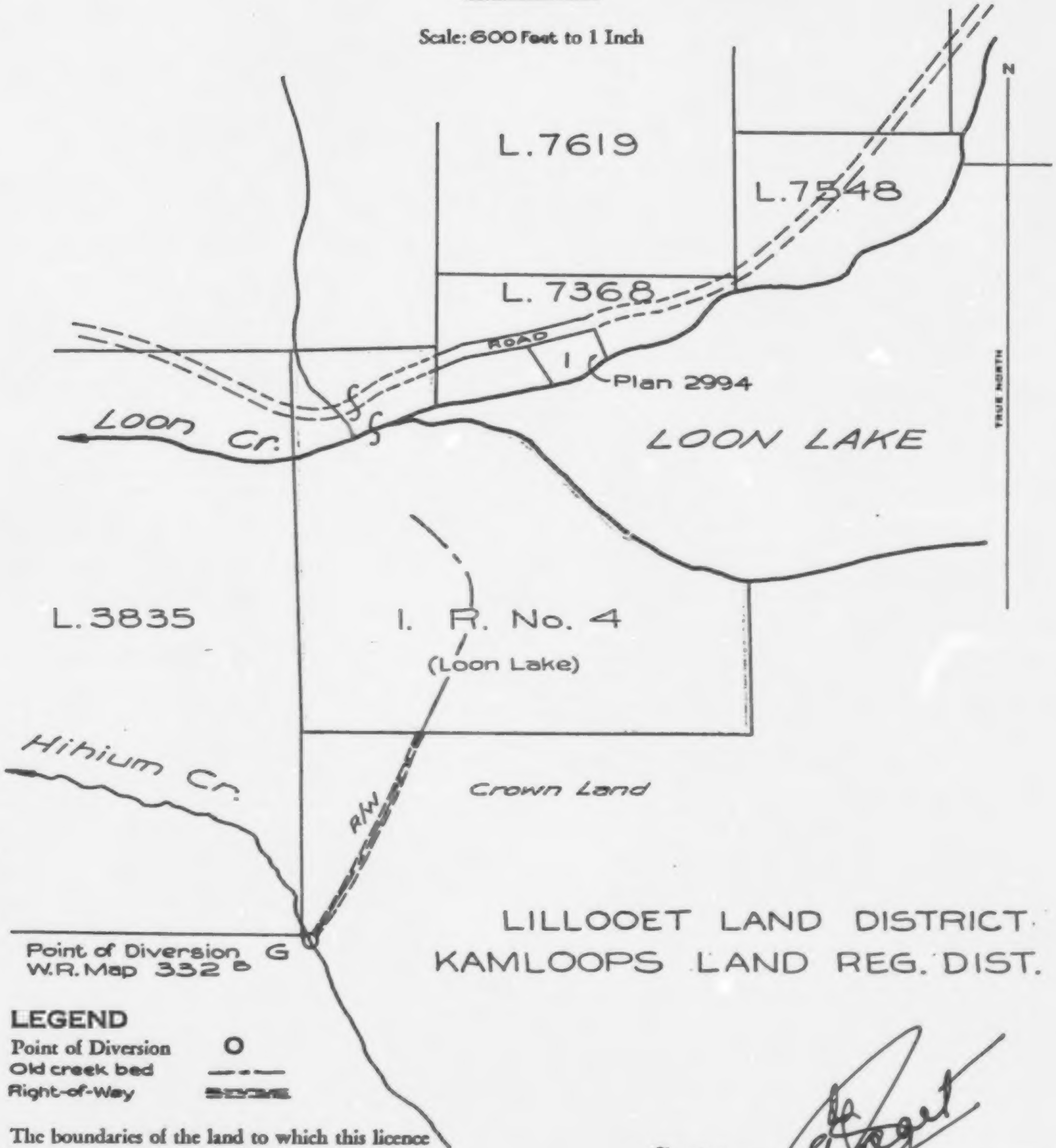
11

British Columbia

To accompany Conditional Licence No. 24253
and permit for Right-of-Way over Crown Land

ASHCROFT WATER DISTRICT

Scale: 600 Feet to 1 Inch


N
L.7619
L.7548
L. 7368
ROAD
1
Plan 2994
TRUE NORTH
Loon Cr.
LOON LAKE
L.3835
I. R. No. 4
(Loon Lake)
Hihium Cr.
Crown Land
R/W
LILLOOET LAND DISTRICT
KAMLOOPS LAND REG. DIST.
Point of Diversion G
W.R. Map 332 B

LEGEND

Point of Diversion ○
Old creek bed
Right-of-Way

The boundaries of the land to which this licence is appurtenant are shown thus: ____

Signature ____

Date June 2, 1958

EXHIBIT "A"

C.L. 24253
File 0213481
Permit No. 4403

For R/W see Ref. Map 24B(A-5)

W.R.B. 13—0

PROVINCE OF
BRITISH COLUMBIA

Water Rights Branch

DEPARTMENT OF
LANDS AND FORESTS

CONDITIONAL WATER LICENCE

Director of Indian Affairs, of Ottawa, Ontario,

is/are hereby authorized to divert and use water as follows:—

(a) The source (s) of the water-supply is/are Settlement Brook.

(b) The point (s) of diversion is/are located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 7th February, 1958.

(d) The purpose for which the water is to be used is irrigation and domestic.

(e) The maximum quantity of water which may be diverted for irrigation purpose is 15 acre feet per annum and for domestic purpose is 2500 gallons a day, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f) The period of the year during which the water may be used for irrigation purpose is 1st April to 30th September and for domestic purpose is the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is Indian Reserve No. 3, Bonaparte, Kamloops Division of Yale District, of which 5 acres may be irrigated.

(h) The works authorized to be constructed are ditch and pipe,

and they shall be located approximately as shown on the attached plan.

(i) The construction of the said works ~~shall be~~ has been commenced ~~on or before the~~ ~~day~~ ~~of~~ , ~~19~~ , and shall be completed and the water beneficially used on or before the 31st day of December , 1961 .

(j) This licence authorizes the use of water (for domestic use) in the buildings on the land described in clause (g) at the date hereof and in any buildings constructed to replace the same but not in any other buildings.

ENTERED ON
Map No. 320
By A=L

Superseded by
Final Licence 15120

A. F. Paget,
Comptroller of Water Rights.

File No. 0219261

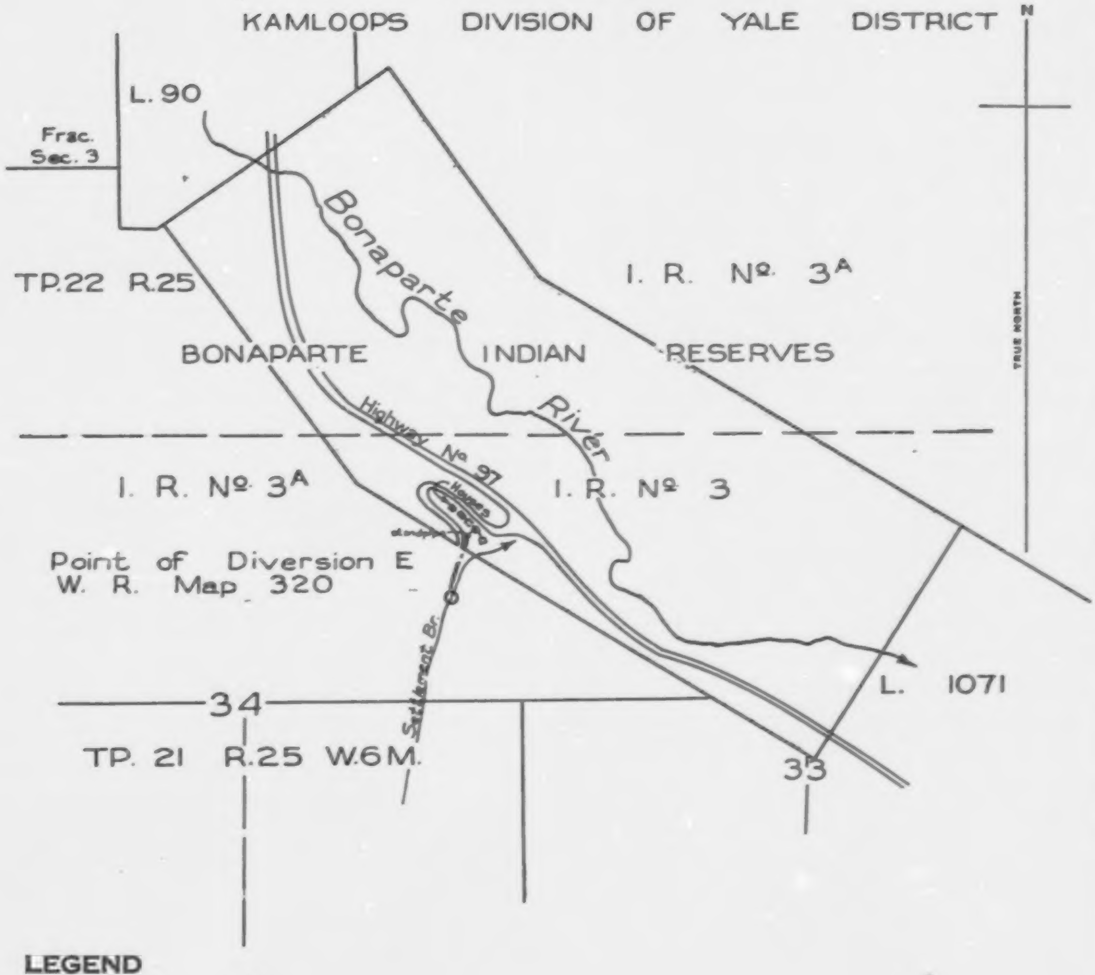
Date issued 3rd August, 1959.

Licence No. 24984

British Columbia

ASHCROFT WATER DISTRICT

Scale: 1320 ft. to 1 Inch


KAMLOOPS DIVISION OF YALE DISTRICT
N
TRUE NORTH
L. 90
Frac. Sec. 3
TP.22 R.25
Bonaparte River
I. R. Nº 3A
BONAPARTE INDIAN RESERVES
Highway Nº 97
I. R. Nº 3A
I. R. Nº 3
Houses
Point of Diversion E
W. R. Map 320
Settlement Br.
L. 1071
34
TP. 21 R.25 W.6M.
33

LEGEND

Point of Diversion ○

Ditch & pipe — - —

The boundaries of the land to which this licence is appurtenant are shown thus: ....

EXHIBIT "A"

Signature

Date 3rd Aug., 1959

C.L. 24984
File 0219261

WATER MANAGEMENT
BRANCH

MINISTRY OF
ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

BONAPARTE INDIAN BAND of Box 669
Cache Creek, B.C., V0K 1H0

is hereby authorized to divert and use water as follows:

(a) The stream on which the rights are granted is Perry Creek.

(b) The point of diversion is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 14th February, 1963.

(d) The purposes for which this licence is issued are irrigation and industrial (fish hatchery).

(e) The maximum quantity of water which may be diverted is 63.6 acre-feet per annum.

(f) The period of the year during which the water may be used is 1st April to 30th September.

(g) The land upon which the water is to be used and to which this licence is appurtenant is that part of Bonaparte Indian Reserve 3A, lying to the north and east of Bonaparte Indian Reserve 3, Kamloops Division Yale District of which 21.2 acres may be irrigated.

(h) The authorized works are diversion structure, pipe, tanks, hatchery, settling pond and sprinkler system located approximately as shown on the attached plan.

(i) The construction of the said works shall be completed and the water beneficially used prior to the 31st day of December, 1993. Thereafter, the licensee shall continue to make beneficial use of the water in the manner authorized herein.

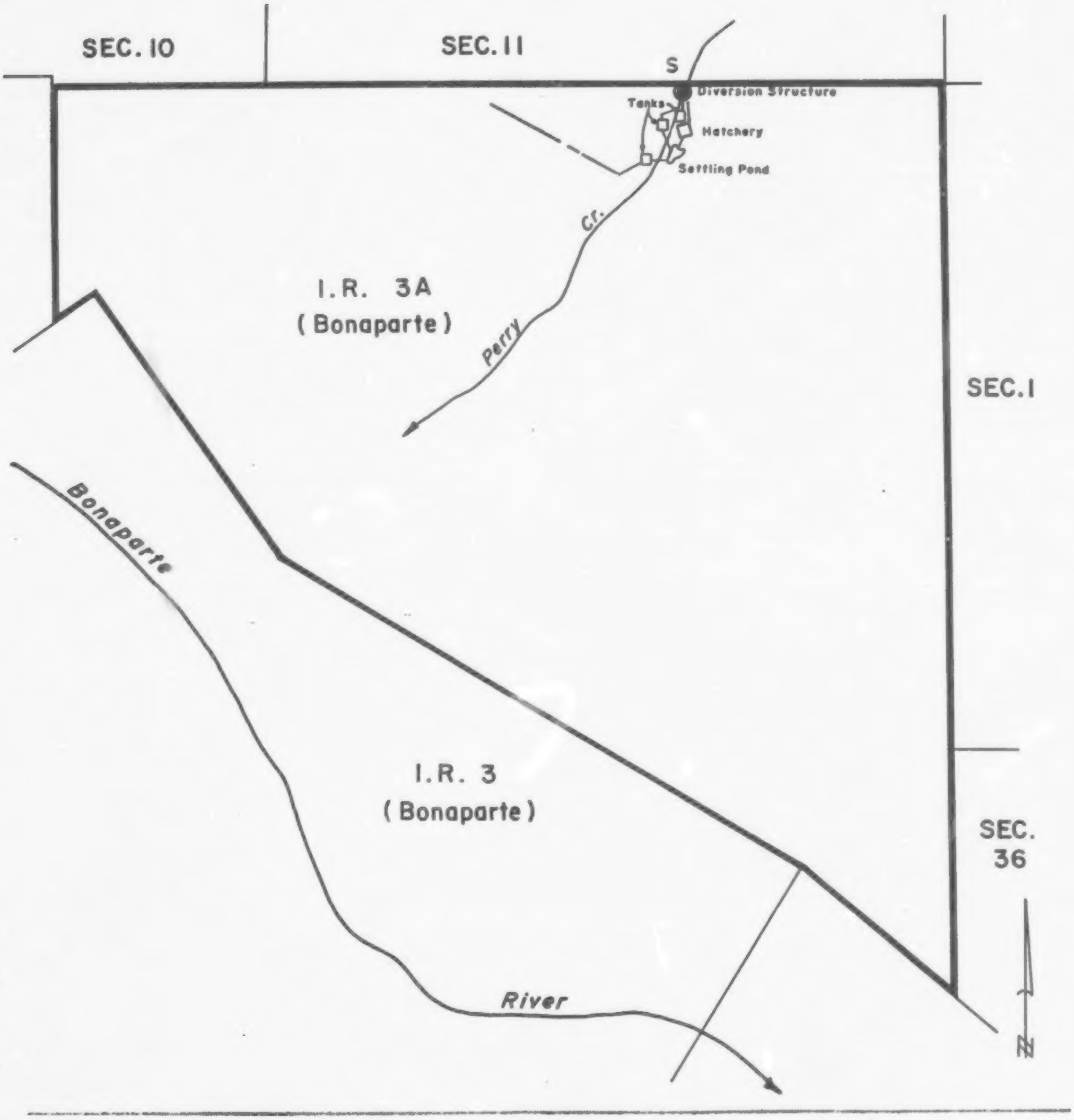
(j) This licence is issued in substitution of Final Water Licence 18213 under Section 15 of the Water Act.

AD Zackodnik

A.D. Zackodnik, P. Eng.
Regional Water Manager

File: 0248249 Date Issued: SEP 26 1991 Conditional Licence: 68633

Province of British Columbia


SEC. 10
SEC. 11
S
Diversion Structure
Tanks
Hatchery
Settling Pond
Perry Cr.
I.R. 3A
(Bonaparte)
SEC. 1
Bonaparte River
I.R. 3
(Bonaparte)
SEC. 36
N

WATER DISTRICT : ASHCROFT
PRECINCT : BONAPARTE
LAND DISTRICT : KAMLOOPS DIVISION OF YALE

Signature ....
Date .... SEP 2 6 1991

C.L.68633 for C.L.18213
File 0248249

LEGEND

Scale : 1 Inch = 1000 Feet
Point of Diversion : ●
Map Number : WR 320
Pipe : ——— — ———

The boundaries of the land to which this licence is appurtenant are shown thus: ————

W.R.B. 2—1M-[illegible]-0639

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Hat creek

a tributary of Bonaparte river.

(*b.*) The points of diversion from the stream ~~is~~ are located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is irrigation and domestic.

(*e.*) The maximum quantity of water which may be diverted from the stream is 168 acre feet per annum of which quantity 1500 gallons a day may be used for domestic purpose.

(*f.*) The period of the year during which the water may be used for irrigation is 1st April to 30th September and for domestic use the whole year.

(*g.*) The land upon which the water may be used is 55.6 acres of Lower Hat Creek Indian Reserve No.2,

as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of ditches.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 7505.

ENTERED ON
[illegible] 322/21
By Tw MP

Date issued Dec.10,1936.

JMacdonald
Comptroller of Water Rights.

File No. 6-3-1

Licence No. 9825

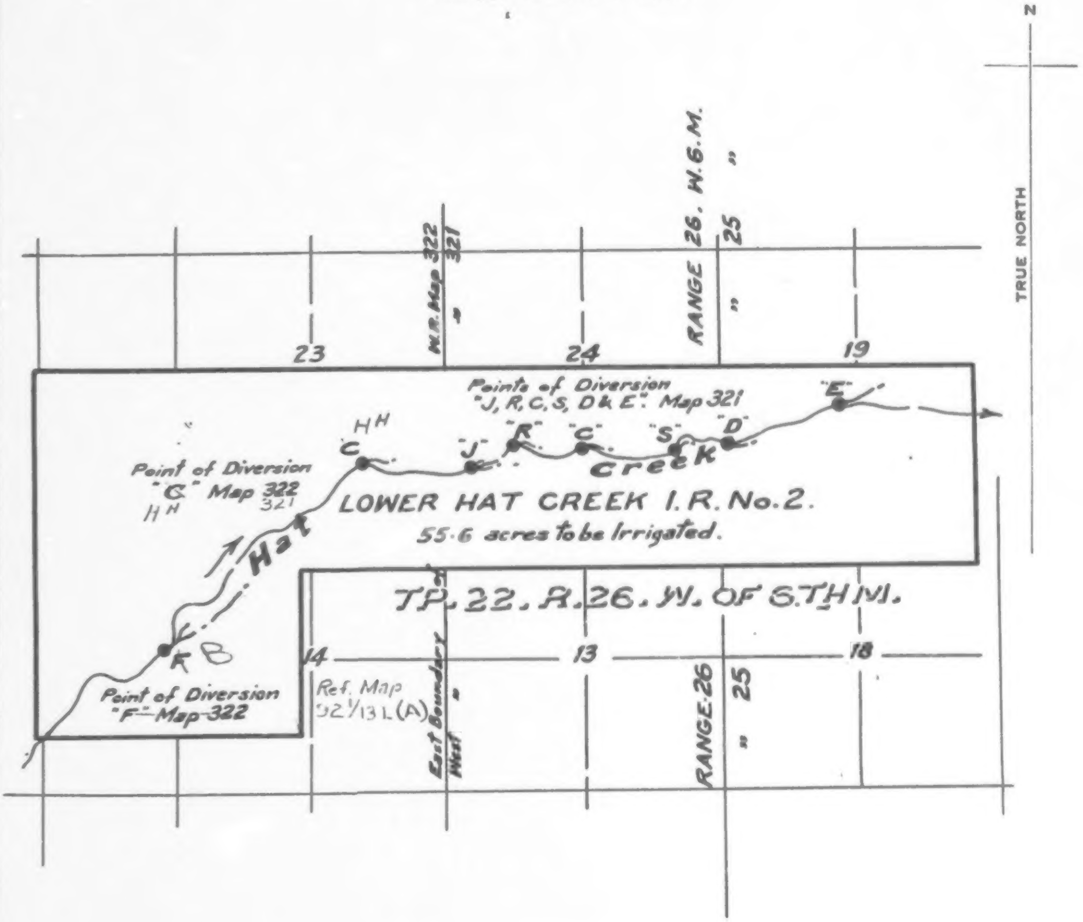
8

British Columbia.

To accompany Final Licence No. 9825 for C.L. 7505

ASHCROFT WATER DISTRICT.

Scale, 40 Chains to 1 Inch.


N
TRUE NORTH
RANGE 26. W.6.M.
25
"
W.R. Map 322
321
"
23
24
19
Points of Diversion
"J, R, C, S, D & E". Map 321
"E"
"D"
"S"
"C"
"R"
"J"
HH
C
Creek
Point of Diversion
"C" Map 322
321
HH
Hat
LOWER HAT CREEK I.R. No. 2.
55·6 acres to be Irrigated.
TP. 22. R. 26. W. OF 6TH M.
K
B
14
13
18
Point of Diversion
"F" Map 322
Ref. Map
92I/13L(A)
East Boundary
West
"
RANGE 26
25
"

Signature J Macdonald

Date 10 Dec. 1936

F.L. 9825 for C.L. 7505

File 6-3-1.

EXHIBIT "A"

FINAL WATER LICENCE.

The ~~Superintendent-General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The sources of the water-supply ~~is~~ are Hat creek, Two Stream creek and Spring "L".

~~a tributary of~~

(*b.*) The points of diversion from the streams ~~is~~ are located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is Irrigation and Domestic.

(*e.*) The maximum quantity of water which may be diverted from the stream is 350 acre-feet per annum, of which quantity 1,500 gallons a day may be used for domestic purpose.

(*f.*) The period of the year during which the water may be used ~~is~~ for irrigation is 1st April to 30th September and for domestic use the whole year.

(*g.*) The land upon which the water may be used is, 116.3 acres of the Upper Hat Creek Indian Reserve No. 1 (Bonaparte),

as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of ditches.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 7789.

ENTERED ON
Map No. 323
by B. W. W.

Date issued 20th January, 1938.

J. Macdonald
Comptroller of Water Rights.

File No. 4-3-1.

Licence No. 10210

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES
WATER RESOURCES SERVICE
WATER RIGHTS BRANCH
VICTORIA, B.C.

ORDER

WATER ACT

Section 15

File No. 0241010

In the matter of Final Water Licence 10210, Hat Creek, Two Stream Creek and unnamed spring, which authorises the diversion of 350 acre feet per annum of water for irrigation purpose, of which quantity 1,500 gallons a day may be used for domestic purpose.

Being satisfied that no person's rights will be injuriously affected, I hereby name the sources of water supply under this licence as Hat Creek, Two Stream Creek and Baines Spring.

Dated at Victoria, B. C. this 2nd day of September, 1965.

A K Sutherland

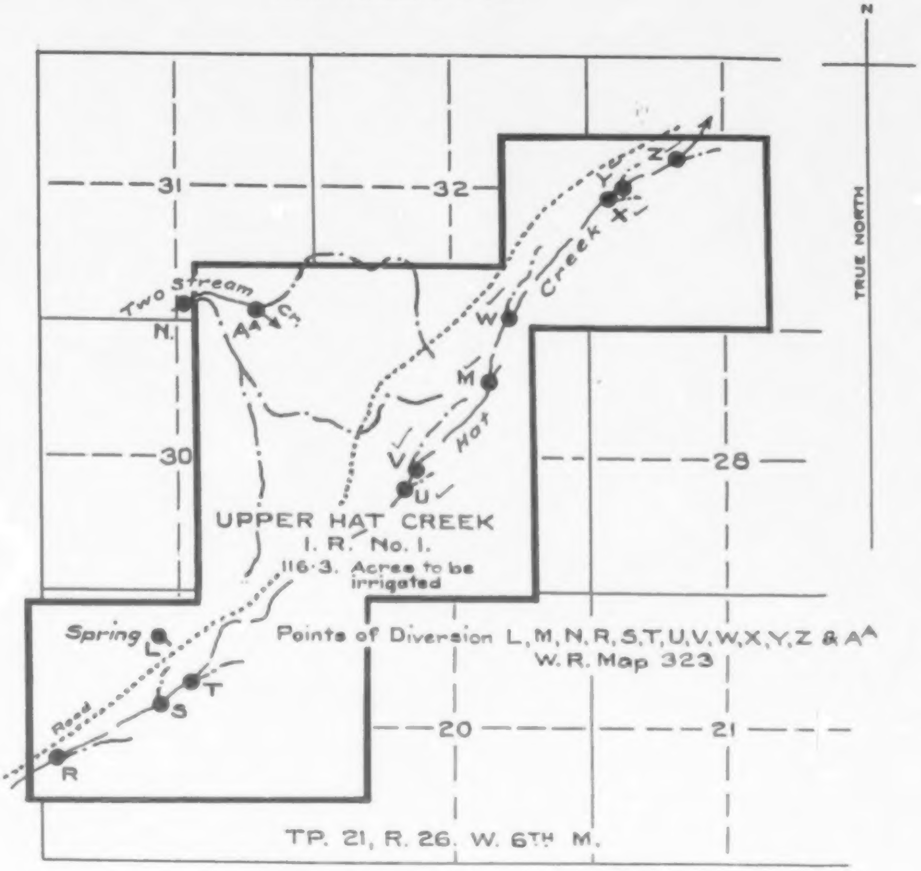
A. K. Sutherland,
Deputy Comptroller of Water Rights.

British Columbia.

To accompany Final Licence No. 10210

ASHCROFT WATER DISTRICT.

Scale, 40 Chains to 1 Inch.


N
TRUE NORTH
31
32
30
28
20
21
Two Stream Cr.
N.
A^A
Y
Z
X
W
M
Hat Creek
V
U
UPPER HAT CREEK
I. R. No. 1.
116·3. Acres to be irrigated
Spring
L
T
S
Road
R
Points of Diversion L, M, N, R, S, T, U, V, W, X, Y, Z & A^A
W. R. Map 323
TP. 21, R. 26. W. 6TH M.

Signature J. Macdonald

Date 20th Jan. 1938
F.L. 10210 for C.L. 7789
File 4-3-1

EXHIBIT "A"

W.R.B. [illegible]

PROVINCE OF
BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

FINAL WATER LICENCE.

The Director ~~Superintendent-General~~ of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Bonaparte River

a tributary of Thompson River.

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 26th September, 1888

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water which may be diverted from the stream is 135.9 acre-feet per annum.

(*f.*) The period of the year during which the water may be used is 1st April to 30th September.

(*g.*) The land upon which the water may be used is 45.3 acres of Indian Reserve No. 3 - Bonaparte,

as shown in the said Exhibit "A"

(*h.*) The works for the diversion and the carriage of the water consists of ditch, flume and pipe.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 7844.

E. Davis

Comptroller of Water Rights.

ENTERED ON
Map No. 321
By [illegible]

File No. 2-3-1 Date issued February 10, 1942. Licence No. 11589

DEPARTMENT OF LANDS.

Permit under the "Water Act," 1939 Authorizing Entry upon Crown Lands.

THE DIRECTOR OF INDIAN AFFAIRS, of Ottawa, Ont.,

being the holder of Final Water Licence No. 11589

hereby authorized to enter upon, use, and occupy a right-of-way of the following dimensions:—

Occupied Crown lands:	Length, feet;	width, feet;	area, acres;
Unoccupied Crown lands:	Length, 2700 feet;	width, 15 feet;	area, .93 acres;

across the Crown lands known as East ½ of Section 9, Township 22, Range 25, West 6th Meridian.

which right-of-way is shown approximately on the plan attached to the said licence.

And is authorized to cut and remove from said Crown lands such timber only as is necessary for the construction of works for use of the water authorized to be used under the said licence, such authority being subject to the royalty as provided for under section 57 of the "Forest Act" and to the payment by way of stumpage as may be determined and collected by the Forest Branch.

There shall be payable under this permit on the date hereof and annually hereafter an annual rental which until altered shall be -----------------, and unless the said annual rental is paid punctually this permit may be cancelled without notice.

The further terms and conditions under which this permit is issued are printed on the reverse side of this form and are made a part thereof.

Issued this 10th day of February, 1942

P. Cathcart
Deputy Minister of Lands.

File No. 2-3-1.

W.R. Map, Ref. Map 89 (E-5)

W.R.B. 1930—1M-739-689

2163

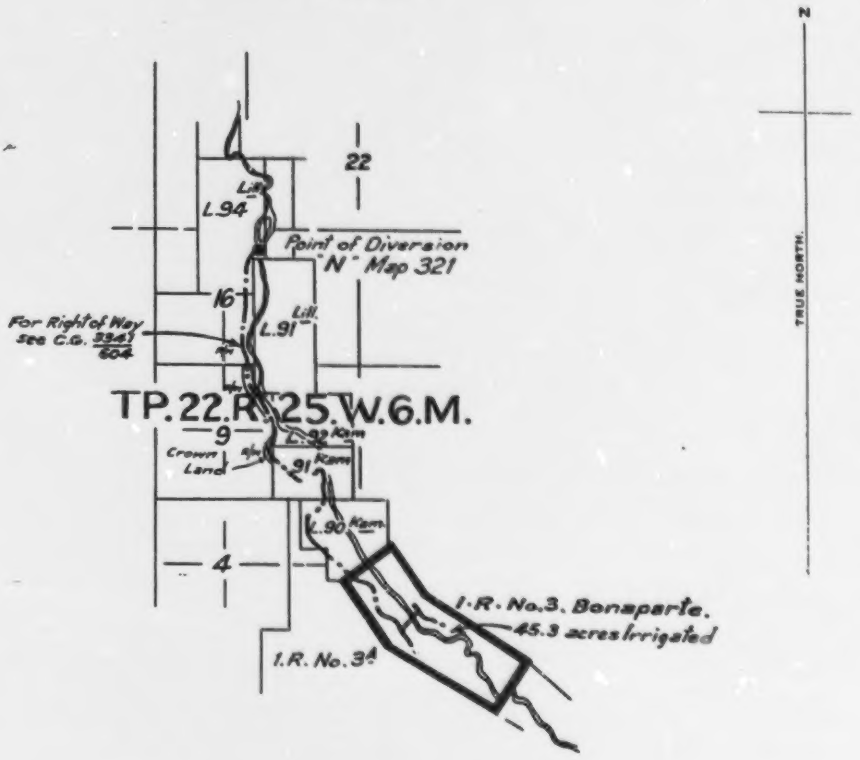
10

British Columbia

To accompany (Final) Licence No. 11589
& permit for Right of Way over Crown Land

ASHCROFT WATER DISTRICT

Scale: 80 Chains to 1 Inch.



N
TRUE NORTH
22
Lill.
L.94
Point of Diversion
"N" Map 321
16
Lill.
L.91
For Right of Way see C.G. 3341/604
TP. 22. R. 25. W. 6. M.
9
L.92 Kam
Crown Land
R/W
91 Kam
L.90 Kam.
4
I.R. No. 3. Bonaparte.
45.3 acres Irrigated
I.R. No. 3A

LEGEND.

Point of Diversion ●
Ditch & Flume — - —
Right of Way ▬

The boundaries of the land to which this licence is appurtenant are shown thus; ▬

Signature E. Davis

Date Feb. 10th 1942

F.L. .11589 for C.L. 7844
File 2·3·1.

For R/W. see Ref. Map 89 (E-5)

EXHIBIT "A"

210-741-4812

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

FINAL WATER LICENCE

Director of Indian Affairs of Ottawa, Ontario

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Settlement Brook.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 7th February, 1958.

(*d*) The purpose for which the water is to be used is irrigation.

(*e*) The maximum quantity of water which may be diverted is 11.4 acre feet per annum, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is 1st April to 30th September.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is Indian Reserve No.3, Bonaparte, except Cariboo Highway, Plan H77, Kamloops Division of Yale District, of which 3.8 acres may be irrigated.

(*h*) The works authorized hereunder are small rock diversion, ditches and reservoir, located as shown on the attached plan.

(*i*) This licence is issued in substitution of Conditional Water Licence No. 24984.

A. F. Paget,
Comptroller of Water Rights.

FILE No. 0219261 Date issued: 2 July, 1963

FINAL LICENCE No. 18120

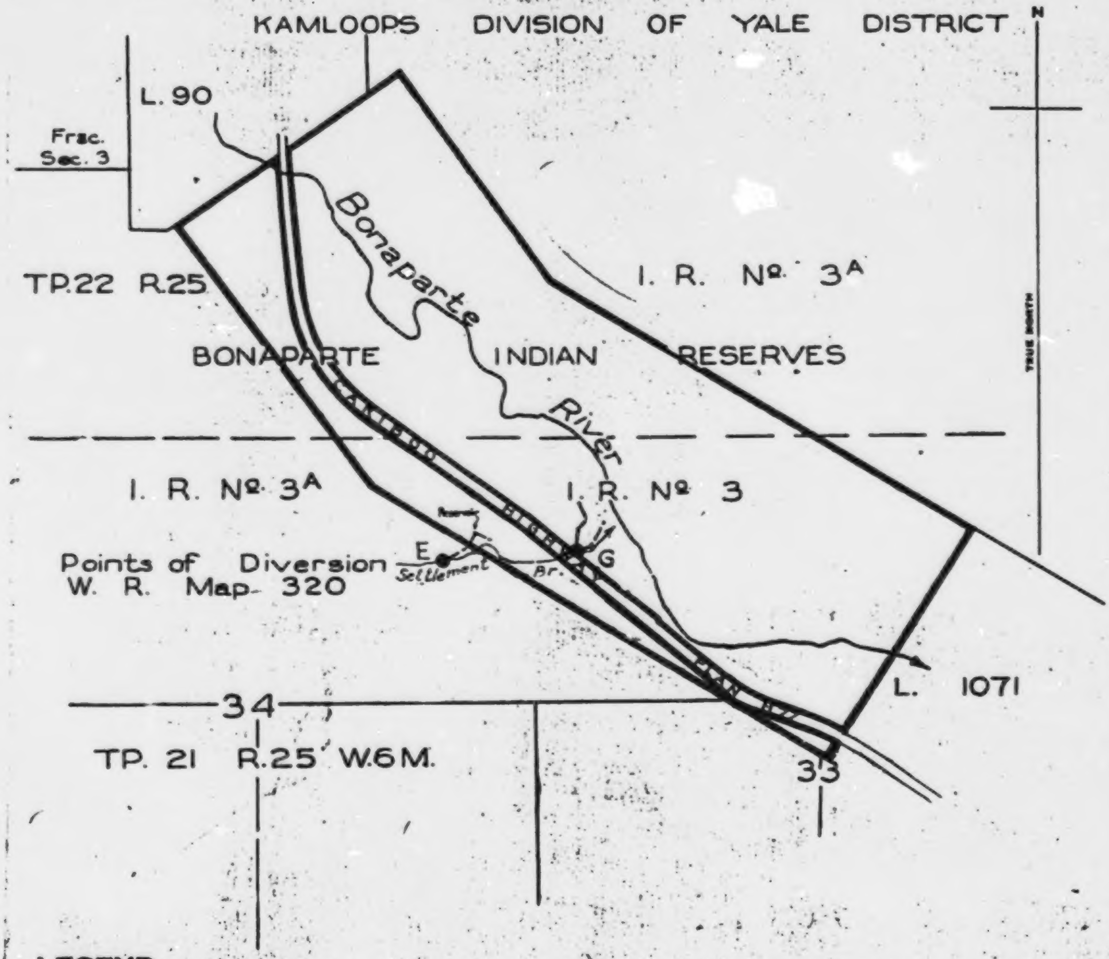
ENTERED ON
Map No 320 GH.L

British Columbia

7

ASHCROFT WATER DISTRICT

Scale: 1320. Ch. to 1 Inch


KAMLOOPS DIVISION OF YALE DISTRICT
N
L. 90
Frac. Sec. 3
Bonaparte River
TP.22 R.25
I. R. Nº 3A
BONAPARTE INDIAN RESERVES
TRUE NORTH
I. R. Nº 3A
I. R. Nº 3
Points of Diversion W. R. Map 320
E
G
Settlement Br.
CARIBOO HIGHWAY
L. 1071
34
33
TP. 21 R.25 W.6M.

LEGEND

Point of Diversion ●

Ditch — - —

The boundaries of the land to which this licence is appurtenant are shown thus: ——————

Signature ——————

Date 2 July, 1963

F.L. 18120 for C.L. 24984

File 0219261

EXHIBIT "A"

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA – WATER ACT

FINAL WATER LICENCE

Director, Indian Affairs Branch, Department of Citizenship and Immigration of **Ottawa, Ontario,**

is/are hereby authorized to **divert and use** water as follows:—

(*a*) The source(s) of the water-supply is/are **Perry Creek.**

(*b*) The point(s) of **diversion** is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is **14th February, 1963.**

(*d*) The purpose for which the water is to be used is **irrigation.**

(*e*) The maximum quantity of water which may be **diverted is 63.6 acre feet per annum,** and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be **used is 1st April to 30th September.**

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is **Indian Reserve No. 3A (Bonaparte), Kamloops Division of Yale District, of which 21.2 acres may be irrigated.**

(*h*) The works authorized hereunder are **ditch, collecting box, pipe and sprinklers,** located as shown on the attached plan.

(*i*) ~~This licence is issued in substitution of Conditional Water Licence No.~~

A. F. Paget,
Comptroller of Water Rights.

FILE No. **0248249** Date issued: **1 November, 1963** FINAL LICENCE No. **18213**

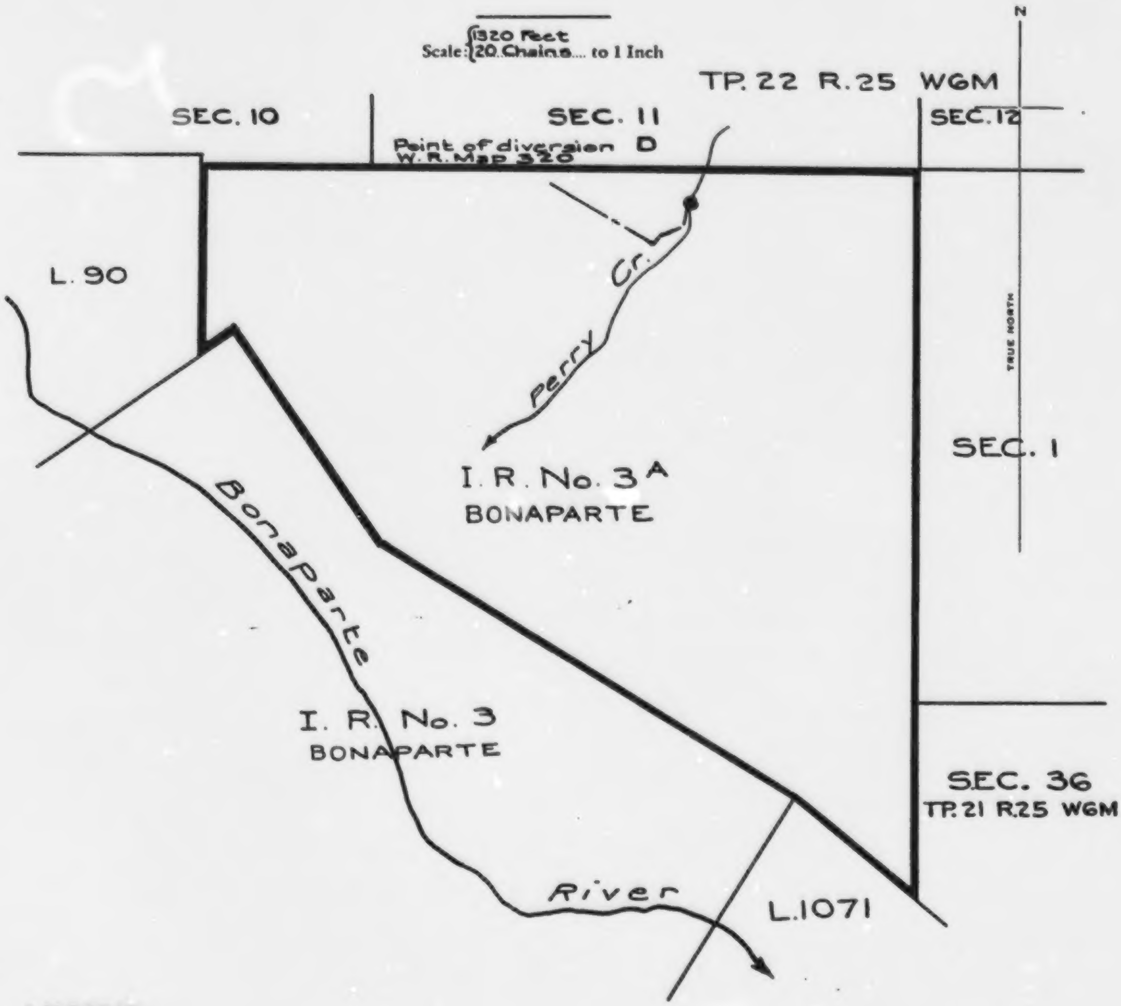
ENTERED ON

British Columbia

7

ASHCROFT WATER DISTRICT

KAMLOOPS DIVISION OF YALE DISTRICT


Scale: {1320 Feet / 20 Chains.... to 1 Inch
N
TP. 22 R. 25 W6M
SEC. 10
SEC. 11
SEC. 12
Point of diversion D
W. R. Map 320
L. 90
Perry Cr.
TRUE NORTH
SEC. 1
I. R. No. 3A
BONAPARTE
Bonaparte
I. R. No. 3
BONAPARTE
SEC. 36
TP. 21 R. 25 W6M
River
L. 1071

LEGEND

Point of Diversion ●

Pipe & Ditch } — — – — —

The boundaries of the land to which this licence is appurtenant are shown thus: ▬▬▬

EXHIBIT "A"

Signature

Date 1 Nov. 1963

FL. 18213

File 0248249

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

FINAL WATER LICENCE

Director of Indian Affairs of Ottawa, Ontario,

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Bonaparte River.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 15th July, 1963.

(*d*) The purpose for which the water is to be used is domestic.

(*e*) The maximum quantity of water which may be diverted is 2500 gallons a day, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is the whole year.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is
Indian Reserve No.3, except Cariboo Highway (Plan H77),
Kamloops Division of Yale District.

(*h*) The works authorized hereunder are pump, pipeline and standpipes, located as shown on the attached plan.

(*i*) ~~This licence is issued in substitution of Conditional Water Licence No.~~

A. F. Paget,
Comptroller of Water Rights.

FILE No. 0251084 Date issued: 2 January, 1964

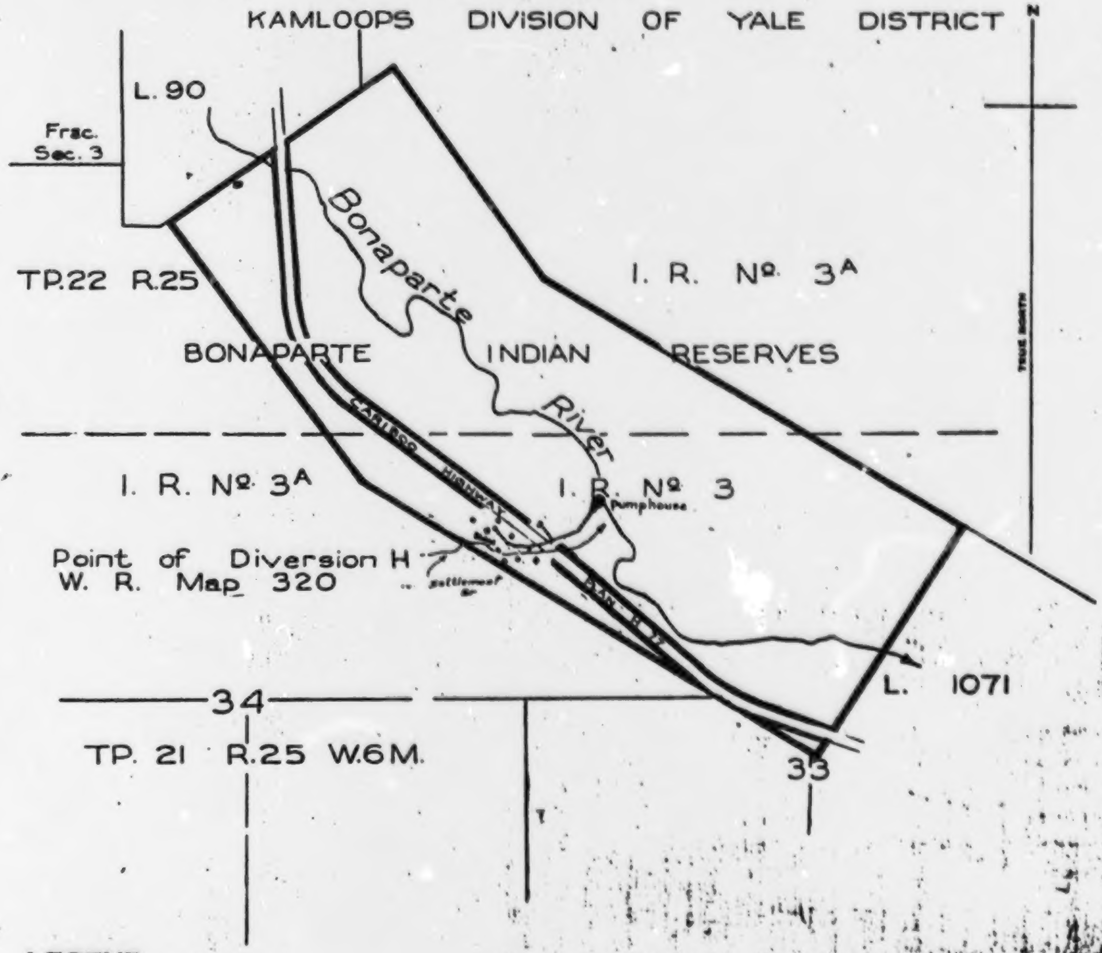
FINAL LICENCE No. 18250

[illegible]
Map No. 320

British Columbia

ASHCROFT WATER DISTRICT

Scale: 1320 Ch. to 1 Inch


KAMLOOPS DIVISION OF YALE DISTRICT
N
L. 90
Frac. Sec. 3
Bonaparte River
TP.22 R.25
I. R. Nº 3A
BONAPARTE INDIAN RESERVES
TRUE NORTH
CARIBOO HIGHWAY
I. R. Nº 3A
I. R. Nº 3
Pumphouse
Point of Diversion H
W. R. Map 320
settlement
L. 1071
34
33
TP. 21 R.25 W.6M.

LEGEND

Point of Diversion ●

Pipeline ——

The boundaries of the land to which this licence is appurtenant are shown thus: ▬▬

EXHIBIT "A"

7

Signature

Date 2 Jan 1964

FL 18250

0251084

ıia

WATER LICENCE APPLICATION

PLEASE REFER TO GUIDE NOTES. TO BE ACCEPTED, THIS APPLICATION MUST BE COMPLETED FULLY AND ACCOMPANIED BY A $25.00 APPLICATION FEE.

FIRMLY (Do Not Erase)

FILE NO 3001907

Bonaparte Indian Band

Mailing Address

Apt. # Street # Street Post Office Box # 699

City Cache Creek Province B.C. Postal Code V0K 1H0

Property Address If Different

Home Tel: Business Tel: 457-9624 Message Tel:

2. Source Perry Creek Discharges into N/A

3. Purpose and Quantity

Domestic ________ gallons a day Irrigation ________ number of acres

Storage ________ acre feet a year Other (Specify) Fish Hatchery: 720,000 gpd IMP.

4. Place of Use

Legal description of property where water is to be used Bonaparte I.R. No. 3A

-see accompanying sketch-

Tenure to Land Registered Owner ☐ Lessee ☐ Other Band Council

5. Works THE PROPOSED WORKS WILL CONSIST OF

Pipe ☒ Irrigation System ☐ Trough ☐ Tank ☒

Storage Works Height of Dam 3 ft. Construction Material Earthen/Packed Clay

Maximum Area of Reservoir 0.1 ac. Quantity of Water Stored >0.01 ac ft

Other Works Settlement Pond Joint Works ☒ Other users: NONE

6. Point of Diversion Storage Site Location North Boundary I.R. #3A (Bonaparte) 30 Chains west of east boundary.

7. Lands Affected The works will physically affect (by crossing or flooding) the following lands:

Legal Description of Land Affected	Name of Owner (including Crown)
NONE	

8. Any Additional Relevant Information Works shared under authorization with the Change of Use Licence #

MINISTRY OF ENVIRONM

RECEIVED

FEB 18 1991

KAMLOOPS, B.C.

NOTE: A sketch must accompany your application. See guide notes, item 9, for sketch requirements.

x x Chief Terry Porter
Applicant's Signature

Agent's Signature

Feb 13/91
Date

FOR OFFICIAL USE ONLY:

This is to certify that the sum of ________ N/A ________ dollars ($ ________)
was received from the undersigned for payment of application for water licence

x
Applicant (please print)

x
Date

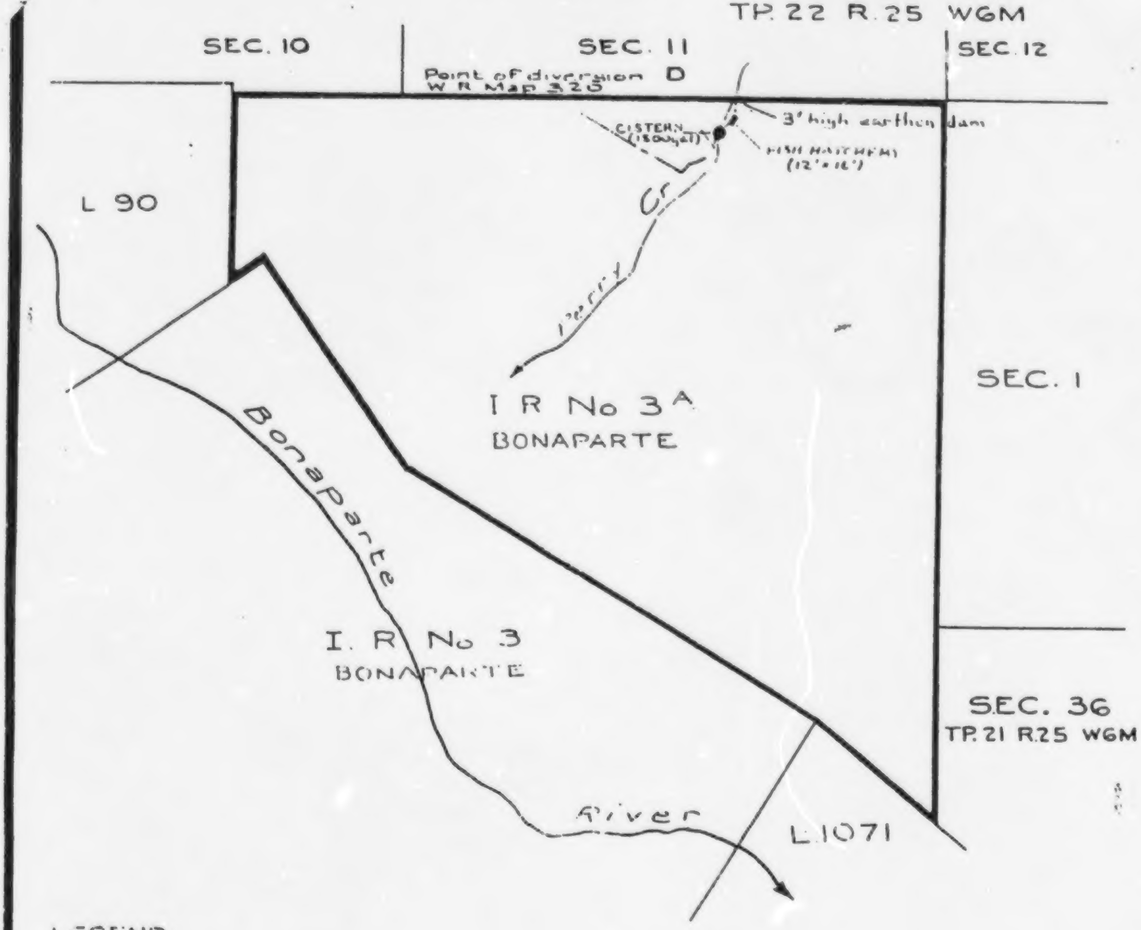
Received By

Receipt Number

British Columbia

ASHCROFT WATER DISTRICT
KAMLOOPS DIVISION OF YALE DISTRICT

Scale {1320 feet / 20 Chains} to 1 Inch


TP. 22 R. 25 W6M
SEC. 10
SEC. 11
SEC. 12
Point of diversion D
W R Map 323
CISTERN (1500 gal)
3' high earthen dam
FISH HATCHERY (12' x 16')
Cr
Perry
L 90
I R No 3A
BONAPARTE
SEC. 1
Bonaparte
I. R No 3
BONAPARTE
SEC. 36
TP. 21 R. 25 W6M
River
L 1071

LEGEND

Point of Diversion ●

Pipe & Ditch } ——— - ———

The boundaries of the land to which this licence is appurtenant are shown thus ▬▬▬

EXHIBIT "A"

Date 1 Nov. 1963
FI 18213
File 0248249

Comptroller of Water Rights.

FILE No. 0248249 **Date issued:** 1 November, 1963 **FINAL LICENCE No.** 18213

COPY FOR ENGINEER

Province of British Columbia

WATER LICENCE APPLICATION

PLEASE REFER TO GUIDE NOTES. TO BE ACCEPTED, THIS APPLICATION MUST BE COMPLETED FULLY AND ACCOMPANIED BY A $25.00 APPLICATION FEE.

PLEASE PRINT FIP • (Do Not Erase) FILE NO. 3002121

1. Name: BONAPARTE INDIAN BAND

Mailing Address: Apt. # / Street # / Street: Box 669 / Post Office Box #

City: CACHE CREEK Province: BC Postal Code: V0K-1H0

Property Address If Different:

Home Tel: Business Tel: 457-9624 Message Tel:

2. Source: McLean Lake Discharges into:

3. Purpose and Quantity

Domestic ______ gallons a day Irrigation 1920 AC-FT 640 ACRES. number of acres

Storage ✓ acre feet a year. duty 3 Other (Specify) FISH HATCHERY.

4. Place of Use

Z104233

Legal description of property where water is to be used

I.R. #3

Tenure to Land: Registered Owner ☐ Lessee ☐ Other

5. Works

0301372 D

THE PROPOSED WORKS WILL CONSIST OF NATURAL GULLEY

Pipe ☐ Irrigation System ☑ Trough ☑ Tank ☐

Storage Works Height of Dam ______ DAM ALREADY IN (UNDER ASHCROFT BAND / McLEAN LK) Construction Material ______

Maximum Area of Reservoir ______ ac Quantity of Water Stored ______ ac. ft

Other Works Joint Works ☐ Other users

6. Point of Diversion Storage Site: Location

7. Lands Affected

The works will physically affect (by crossing or flooding) the following lands

Legal Description of Land Affected	Name of Owner (including Crown)
N/A.	MINISTRY OF ENVIRONMENT RECEIVED FEB 19 1992 KAMLOOPS, B.C.

8. Any Additional Relevant Information

NOTE A sketch must accompany your application. See guide notes, item 9, for sketch requirements

D Calver
Applicant's Signature
D. CALVER

Agent's Signature

Feb. 19/92
Date

FOR OFFICIAL USE ONLY:

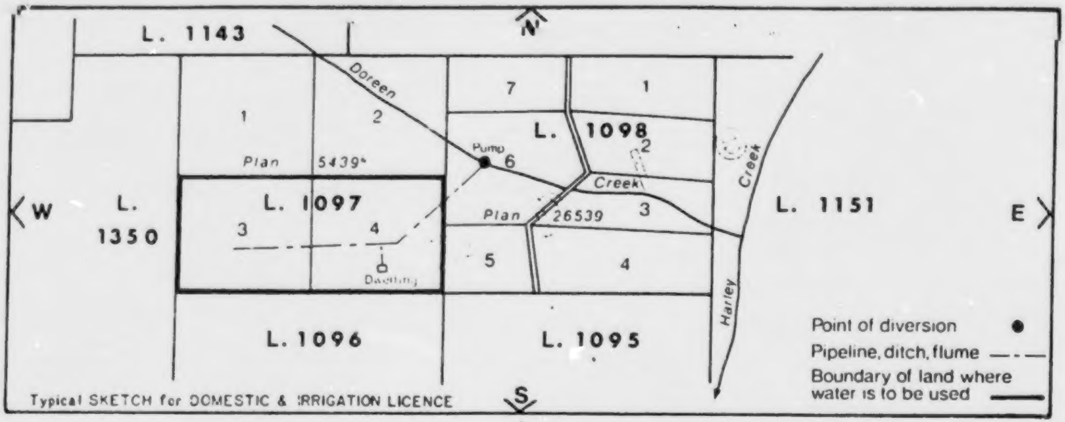
This is to certify that the sum of ______ dollars ($ ______)
was received from the undersigned for payment of application for water licence.

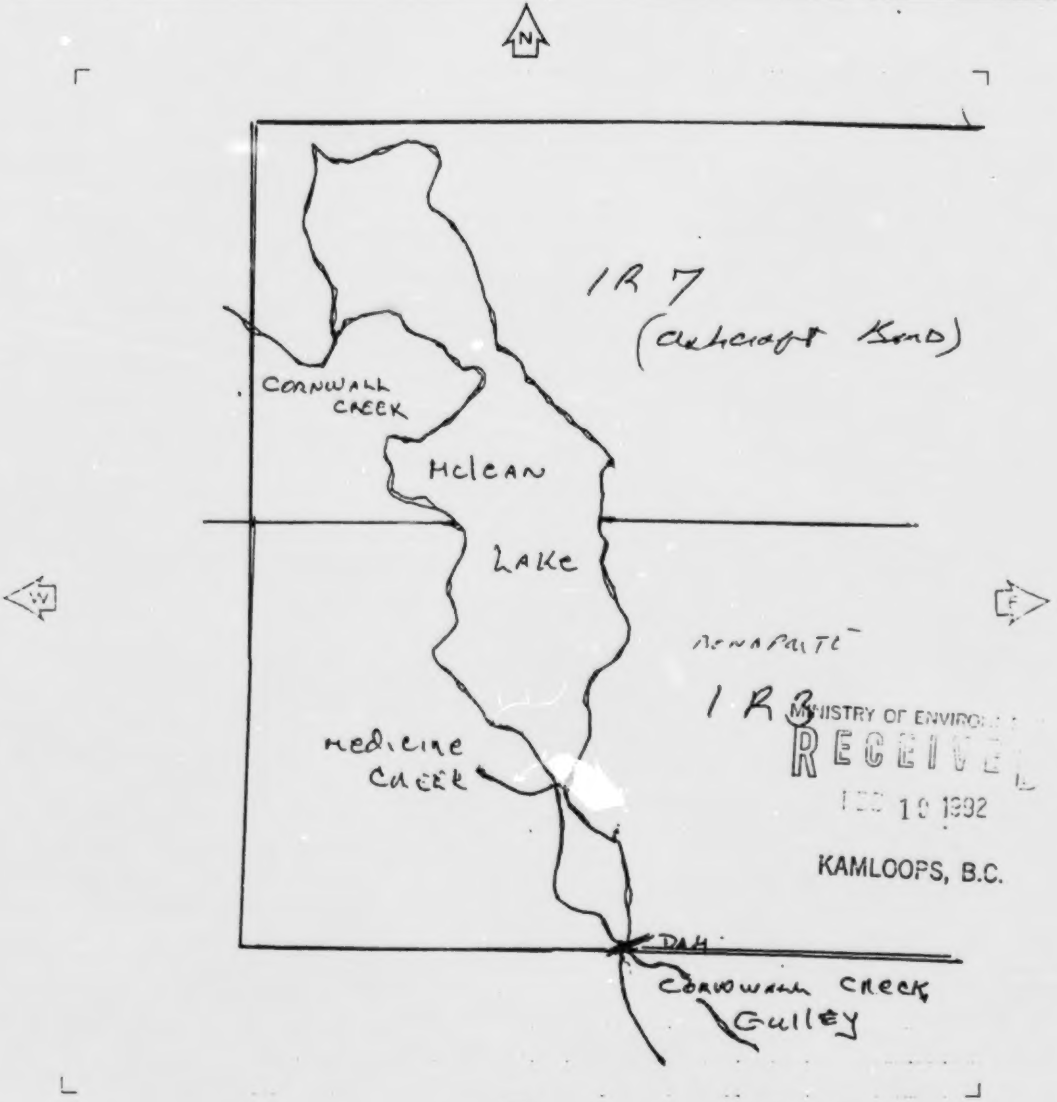
N/A

Applicant (please print) Date Received By

Receipt Number

SKETCH FORM


N
L. 1143
Doreen
1
2
7
1
L. 1098
2
Pump
6
Plan
5439
Creek
W
L.
1350
L. 1097
3
4
Plan
26539
3
Creek
L. 1151
E
5
4
Dwelling
Harley
L. 1096
L. 1095
Point of diversion ●
Pipeline, ditch, flume — - —
Boundary of land where water is to be used ▬
Typical SKETCH for DOMESTIC & IRRIGATION LICENCE
S


N
1R 7
(Ashcroft Band)
CORNWALL CREEK
Mclean
Lake
W
E
Bonaparte
1R 3
Medicine Creek
DAM
CORNWALL CREEK
Gulley

MINISTRY OF ENVIRO
RECEIVED
19 1992
KAMLOOPS, B.C.

S

Point of diversion ●
Pipeline, ditch, flume — - —
Boundary of land where water is to be used ▬

Sketch, showing applicant's land and all other land touched by the works or flooded, also the location of the point of diversion and other works, including buildings to be served with water.

```
Stream Register Report      Water Licence Information System
________________________________________________________________

   Report Requested By   : DJOLLY
   Date Report Requested : 1996/01/23 08:14
   Report Sorted By      : Source Gazetted - Priority Date - Licence Number
   Selection Criteria
                START POINT      : PD63868 - 92.I.083 C
                END POINT        : 806975 - Baines Spring
```

```
Stream Register Report                                    Water Licence Information System                                      DATE: 1996/01/23
                                                                                                                                TIME: 08:14
                                                                                                                                PAGE: 001

Priority   Licence File    Appurtenancy                    Licensee                     PUC       Quantity/Units Term   Term  Licence Comments               Process Status
YYYY/MM/DD Number  Number                                                                                        Start  End

       Source                       WR Map            POD   RED POD Comments                                                  Prec
------------------------------------------------------------------------------------------------------------------------------------------------------------

1888/09/26 F010210 0241010 116.3 AC OF IR #1 UPPER HAT CR  BONAPARTE INDIAN BAND        DOM          1,500.00 GD Jan 01 Dec 31
                           LILLOOET DIST                   981-686-7163                 IRR            350.00 AF Apr 01 Sep 30
                                                           BOX 669
                                                           CACHE CREEK BC
                                                           V0K1H0

       Baines Spring                WR92.I.083         C     N                                                          02B ASH - BONAPARTE
         Hat Creek                  WR92I/13E(a)       J     N
         Hat Creek                  WR92.I.083         D     N
         Hat Creek                  WR92.I.083         E     N
         Hat Creek                  WR92.I.083         F     N
         Hat Creek                  WR92.I.083         G     N
         Hat Creek                  WR92.I.083         H     N
         Hat Creek                  WR92.I.083         J     N
         Hat Creek                  WR92.I.083         K     N
         Hat Creek                  WR92.I.083         L     N
         Hat Creek                  WR92.I.083         M     N
         Two Stream Creek           WR92.I.083         A     N
         Two Stream Creek           WR92.I.083         B     N


   ------------ Total of 1 Licence Reported ------------
```

```
Stream Register Report      Water Licence Information System
_________________________________________________________________

    Report Requested By    : DJOLLY
    Date Report Requested : 1996/01/12 09:10
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                  START POINT       : PD61204 - 92.P.025 F
                  END POINT         : 806532 - Bonaparte River right of Thompson River
```

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Priority   Licence File    Appurtenancy                       Licensee                        PUC          Quantity/Units  Term  Term  Licence Comments             Process Status
YYYY/MM/DD Number  Number                                                                                                 Start End

           Source                       WR Map              POD   RED POD Comments                                                   Prec
-----------------------------------------------------------------------------------------------------------------------------------------------------------------

1871/12/05 C049361 0241264 136 AC OF L A OF L 102 YALE-       GUENTHER ELMER F & MARTHA M     IRR            408.00 AF Apr 01 Sep 30
                           LYTTON GP 2 KDYD PLAN 26709        PO BOX 496
                                                              CACHE CREEK BC
                                                              V0K1H0

           Bonaparte River              WR92.I.084            C     N                                                      02B ASH - BONAPARTE

1871/12/05 C049362 0346035 56.28 AC OF L 102 YALE-LYTTON      PARKE ALAN A                    DOM            500.00 GD Jan 01 Dec 31                            A/A APPORTIONMENT PEND
                           GP 2 KDYD EXC PLAN 5594, B7369,    BOX 217                         IRR            162.84 AF Apr 01 Sep 30
                           8348, 8571, 9009, 9571, 11106,     CACHE CREEK B C
                           11346, 11374, 12892, B3407,        V0K1H0
                           23345 & 26709 & HWY 97 (PLAN H235)

           Bonaparte River              WR92.I.084            H     N                                                      02B ASH - BONAPARTE

1872/04/06 F004328 0241254 220.9 AC OF L 90, 91 & 92 KDYD     FISCHER GUSTAV & ANNE           DOM          1,000.00 GD Jan 01 Dec 31 INCIDENTAL DOMESTIC USE   T/A TRANSFER/APPURT PEND
                                                              JACKSON RANCH                   IRR            663.00 AF Apr 01 Sep 30
                                                              BOX 408
                                                              CACHE CREEK BC
                                                              V0K1H0

           Bonaparte River              WR92.I.084            M     N                                                      02B ASH - BONAPARTE
               Bonaparte River          WR92.I.084            L     N
               Bonaparte River          WR92.I.083            EE    N

1888/09/26 F011589 0241009 45.3 AC ON BONAPARTE IR # 3        BONAPARTE INDIAN BAND           IRR            135.90 AF Apr 01 Sep 30
                           LILLOOET DIST                      981-686-7165
                                                              BOX 669
                                                              CACHE CREEK BC
                                                              V0K1H0

           Bonaparte River              WR92.I.083            EE    N                                                      02B ASH - BONAPARTE
```

```
Stream Register Report                                Water Licence Information System                                   DATE: 1996/01/12
                                                                                                                          TIME: 09:18
                                                                                                                          PAGE: 002

Priority   Licence File    Appurtenancy                   Licensee                      PUC        Quantity/Units  Term   Term  Licence Comments                Process Status
YYYY/MM/DD Number  Number                                                                                          Start  End

        Source                       WR Map        POD  RED POD Comments                                                Prec
-----------------------------------------------------------------------------------------------------------------------------------------------------------

1891/10/01 C108305 0241263 30.5 AC OF DL 778 LILLOOET DISTRICT L COMINCO LTD             IRR           91.50 AF Apr 01 Sep 30
                           YING LEFT OF LEFT BANK OF      200 BURRARD STREET
                           BONAPARTE RIVER AND WEST OF HWY PLAN  VANCOUVER BC
                           H237                           V6C3L7

        Bonaparte River              WR92.I.093     P    N                                                              02B ASH - BONAPARTE
           Scottie Creek             WR92.I.093     Q    N  NO DIVERSION OF WATER AT POD - ACTUAL D & U TAKING PLACE AT P 92.I.093
                                                            BONAPARTE R

1892/05/01 C110166 0241265 56 ACS OF DL 91 KDYD (FORMERLY LILLOO FISCHER GUSTAV & ANNE   IRR          168.00 AF Apr 01 Sep 30
                           ET) DISTRICT LYING WEST OF HWY NO. 97 JACKSON RANCH
                           (PLAN H236)                    BOX 608
                                                          CACHE CREEK BC
                                                          V0K1H0

        Bonaparte River              WR92.I.084     N    N                                                              02B ASH - BONAPARTE
           Bonaparte River           WR92.I.084     N    N

1896/12/23 C108541 0241255 10.44 ACRES OF THAT PORTION OF LOTS 3 PITT THOMAS HENRY       DOM          500.00 GD Jan 01 Dec 31
                            & 4 OF DL 95 KAMLOOPS (FORMERLY      BOX 1                   IRR           31.33 AF Apr 01 Sep 30
                           LILLOOET) DIVISION YALE DISTRICT, PLA CACHE CREEK BC
                           N 1531 LYING TO RIGHT OF RIGHT BANK   V0K1H0
                           OF BONAPARTE RIVER

        Bonaparte River              WR92.I.093     AJ   N                                                              02B ASH - BONAPARTE
           Bonaparte River           WR92.I.093     ZZ   N

1896/12/23 F039535 0309790 27.8 AC OF PART OF BLK 1 OF L 95      LENNAN ISSAC E & EDNA A IRR           84.00 AF Apr 01 Sep 30
                           LILLOOET DIST PLAN 1531 LYING W       BOX 258
                           OF HWY 97 (PLAN H237) EXC PLAN        CACHE CREEK B C
                           8269, 8389, 9676, 15241 & 20713       V0K1H0

        Bonaparte River              WR92.I.093     J    N                                                              02B ASH - BONAPARTE
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Stream Register Report                                                                          Water Licence Information System                                       DATE: 1996/01/12
                                                                                                                                                                       TIME: 09:18
                                                                                                                                                                       PAGE: 003

Priority   Licence File    Appurtenancy                          Licensee                                 PUC           Quantity/Units   Term   Term  Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                                Start  End

           Source                          WR Map               POD   RED POD Comments                                                                    Prec
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1905/06/16 F005861 0241267 67.5 AC OF L 93 LILLOOET DIST         GUICHON LAURENCE M                       DOM               5,000.00 GD Jan 01 Dec 31
                                                                 4260 RIVER RD WEST                       IRR                 202.50 AF Apr 01 Sep 30
                                                                 DELTA BC
                                                                 V4K1S1

           Bonaparte River                 WR92.I.093           A     N                                                                                   02B ASH - BONAPARTE

1908/12/29 F007406 0241256 10.8 AC OF E 1/2 OF E 1/2 OF SEC      WOODBURN DOUGLAS ALFRED                  DOM                 500.00 GD Jan 01 Dec 31
                           18 TP 21 R 24 W6M                     BOX 306                                  IRR                  33.00 AF Apr 01 Sep 30
                                                                 CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                 WR328A               F     N                                                                                   02B ASH - BONAPARTE

1909/01/05 F007405 0241266 8.2 AC OF W 1/2 OF SW 1/4 OF SEC      WOODBURN DOUGLAS ALFRED                  DOM                 500.00 GD Jan 01 Dec 31
                           17 & W 1/2 OF NW 1/4 OF SEC 8 TP      BOX 306                                  IRR                  25.00 AF Apr 01 Sep 30
                           21 R 24 W6M                           CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                 WR328A               F     N                                                                                   02B ASH - BONAPARTE

1915/08/02 F017828 0265565 28 AC OF THAT PART OF NW 1/4 OF       LEHMAN ISSAC E & EDNA A                  IRR                  84.00 AF Apr 01 Sep 30
                           SEC 33 TP 22 R 25 W6M LYING W OF      BOX 250
                           BONAPARTE R                           CACHE CREEK B C
                                                                 V0K1H0

           Bonaparte River                 WR92.I.093           N     N                                                                                   02B ASH - BONAPARTE

1918/04/16 F006355 0004342 179.4 AC OF FRAC SE 1/4 OF SEC 6,     ROYAL BANK OF CANADA                     IRR                 538.00 AF Apr 01 Sep 30                                           A/A APPORTIONMENT PEND
                           FRAC SE 1/4 OF SEC 7, LS 4 OF         BOX 545
                           SEC 8 TP 21, NE 1/4 OF SEC 31         CACHE CREEK BC
                           TP 20 R 24 W6M & L 377 KDYD           V0K1H0

           Bonaparte River                 WR92.I.074.3         D     N                                                                                   02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                              Licensee                                 PUC           Quantity/Units   Term   Term  Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                                   Start  End

           Source                                 WR Map               POD    RED POD Comments                                                                    Prec
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1920/03/17 C065003 0019412 34 AC OF L 1 & 2 OF L 3675 &           BORSTEINAS JOEL L & JUANITA A             IRR                  85.00 AF Apr 01 Sep 30
                           L 41 LILLOOET DIST PLAN 1804           41770 MAJUBA HILL RD
                           EXC PLAN 36421                         YARROW BC
                                                                  V0X2A0

           Bonaparte River                        WR332                U      N                                                                                      02B ASH - BONAPARTE
               Bonaparte River                    WR332                V      N

1920/10/15 F006591 0025847 24.5 AC OF L 1071 KDYD                 HORSTING THEODORE J                       IRR                  73.50 AF Apr 01 Sep 30
                                                                  PO BOX 716
                                                                  CACHE CREEK B C
                                                                  V0K1H0

           Bonaparte River                        WR92.I.084           A      N                                                                                      02B ASH - BONAPARTE

1921/02/14 F006592 0029140 5.6 AC OF L 1071 KDYD                  HORSTING THEODORE J                       IRR                  17.00 AF Apr 01 Sep 30
                                                                  PO BOX 716
                                                                  CACHE CREEK B C
                                                                  V0K1H0

           Bonaparte River                        WR92.I.084           E      N                                                                                      02B ASH - BONAPARTE

1921/05/19 C066911 0031090 L A OF L 3769 & 1666 LILLOOET          89 CATTLE CO LTD                          IRR                  87.50 AF Apr 01 Sep 30 STOR IN MAGNESIA LK
                           DIST PLAN 20569                        C/O SHEILA CHALMERS                       STOHP                87.50 AF Oct 01 Jun 15
                                                                  3691 HAPPY VALLEY RD
                                                                  VICTORIA BC
                                                                  V9B5T7

           Bonaparte River                        WR333                J4     Y  REDIVERSION FROM C 92.P.023 FIFTYNINE CR                                            02B ASH - BONAPARTE
               Fiftynine Creek                    WR92.P.023           C      N  REDIVERSION AT J4 333 BONAPARTE R

1921/08/10 F051142 0033594 SEE LICENCE                            PORTER RANDY                              IRR                 310.80 AF Apr 01 Sep 30
                                                                  MCKAY DANIEL & COCHLAN LARRY
                                                                  C/O DESERT HILL RANCH
                                                                  PO BOX 1228
                                                                  ASHCROFT BC
                                                                  V0K1A0

           Bonaparte River                        WR92.I.074.2         E      N                                                                                      02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                          Licensee                                  PUC           Quantity/Units  Term   Term  Licence Comments                        Process Status
YYYY/MM/DD Number  Number                                                                                                                  Start  End

           Source                              WR Map               POD   RED POD Comments                                                                        Prec

1922/01/26 C108137 0037405 14 AC OF L 4385 LILLOOET DIST         ENGELHART JOHN N & ELIZABETH A            IRR                 35.00 AF Apr 01 Sep 30
                                                                 GD
                                                                 CLINTON BC
                                                                 V0K1K0

           Bonaparte River                     WR332                 G     N                                                                                      02B ASH - BONAPARTE

1931/04/25 C065004 0099458 4.5 AC OF LOT A OF LOT 41 LILLOOET DI CRAWFORD EDWARD A & GRACE E               IRR                 11.25 AF Apr 01 Sep 30
                           STRICT PLAN 36421                     RR 1
                                                                 CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                     WR92.I.093           RR     N                                                                                      02B ASH - BONAPARTE

1931/05/02 F009960 0099546 132.7 AC OF L 94 & OF S 50 AC OF      BC HYDRO & POWER AUTHORITY                IRR                398.10 AF Apr 01 Sep 30                                           A/A APPORTIONMENT PEND
                           PARCEL OF L 93 LILLOOET DIST E OF     PWR SUPPLY BUS. SERVICES
                           HWY                                   6911 SOUTHPOINT DR (E08)
                                                                 BURNABY BC
                                                                 V3N4X8

           Bonaparte River                     WR92.I.093            A     N                                                                                      02B ASH - BONAPARTE

1931/06/26 C109579 0100704 9.3 ACS OF THAT PT LS 3 LYING NORTH & GREENFIELD TROY K & WILLIAM T             IRR                 27.90 AF Apr 01 Sep 30
                            EAST OF PLAN H659 & RIGHT OF         HAMMOND SLOANE N
                           BONAPARTE R & THAT PT OF LS 6 LYING T BOX 443
                           O RIGHT OF BONAPARTE R EXC PLAN       ASHCROFT BC
                           KAP48326, ALL OF SEC 8 TP 21 R 24 W6M V0K1A0
                            KDYD

           Bonaparte River                     WR92.I.074.4          G     N                                                                                      02B ASH - BONAPARTE

1931/06/26 C109580 3002902 0.7 ACS OF LOT 3 SEC 8 TP 21 R 24 W6M GREENFIELD WILLIAM T & IVA J              IRR                  2.10 AF Apr 01 Sep 30
                            KDYD PLAN KAP48326                   BOX 658
                                                                 ASHCROFT BC
                                                                 V0K1A0

           Bonaparte River                     WR92.I.074.4          H     N                                                                                      02B ASH - BONAPARTE
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Priority   Licence File   Appurtenancy                           Licensee                                   PUC             Quantity/Units  Term    Term   Licence Comments                           Process Status
YYYY/MM/DD Number  Number                                                                                                                 Start  End

           Source                              WR Map              POD   RED POD Comments                                                                        Prec
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1933/04/11 C110165 0112272 25 ACS OF DL 91 KDYD EXC PLAN KAP5210 FISCHER GUSTAV & ANNE                     IRR                  75.00 AF Apr 01 Sep 30
                           2 & THAT PT OF DL 92 KDYD LYING       JACKSON RANCH
                           RIGHT OF THE RIGHT BANK OF THE BONAPA BOX 608
                           RTE RIVER                             CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                     WR92.I.083            EE   N                                                                                      02B ASH - BONAPARTE

1940/04/23 C014483 0139481 60 AC OF L 406 KDYD                   ROYAL BANK OF CANADA                      IRR                 180.00 AF Apr 01 Sep 30
                                                                 BOX 545
                                                                 CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                     WR92.I.074.3          D    N                                                                                      02B ASH - BONAPARTE

1954/07/13 F020140 0204674 THAT PART OF LS 6 & 7 OF SEC 33     PORTER RANDY                              DOM               2,000.00 GD Jan 01 Dec 31
                           TP 20 R 24 W6M LYING W OF RIVER       MCKAY DANIEL & COCHLAN LARRY
                           EXC PLAN 6356                         C/O DESERT HILL RANCH
                                                                 PO BOX 1228
                                                                 ASHCROFT BC
                                                                 V0K1A0

           Bonaparte River                     WR92.I.074.2          C    N                                                                                      02B ASH - BONAPARTE

1955/03/28 F020141 0207270 2.5 AC OF L A OF SEC 33 TP 20         CIRCLE 7 RANCHES LTD                      IRR                   7.50 AF Apr 01 Sep 30
                           R 24 W6M PLAN 6356                    1725 WEST 41ST AVENUE
                                                                 VANCOUVER BC
                                                                 V6M1Y1

           Bonaparte River                     WR92.I.074.2          B    N                                                                                      02B ASH - BONAPARTE
               Bonaparte River                 WR92.I.074.2          D    N
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Priority   Licence File    Appurtenancy                        Licensee                       PUC         Quantity/Units  Term   Term  Licence Comments                 Process Status
YYYY/MM/DD Number  Number                                                                                                 Start  End

           Source                           WR Map             POD   RED POD Comments                                                           Prec
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1958/06/17 C105191 0220779 24.33 AC OF PARCEL A OF DL 160 LILLOO JANZEN CORNELIUS F         SW               1,000.00 GD Jan 01 Dec 31
                           ET DISTRICT PLAN B-7189 EX          PO BOX 342                   IRR                 48.66 AF Apr 01 Sep 30
                           PLAN 17149                          CLINTON BC
                                                               V0K1E0

           Bonaparte River                  WR333                II    N                                                                    02B ASH - BONAPARTE
              Bonaparte River               WR333                VV    N
              Bonaparte River               WR333                D3    N

1959/09/29 C066910 0227768 100 AC OF L 1096, & L A OF L 1666   89 CATTLE CO LTD             IRR               250.00 AF Apr 01 Sep 30 STOR IN TRURANS LK
                           & 3769 LILLOOET DIST PLAN 28569     C/O SHEILA CHALMERS          STOMP             250.00 AF Oct 01 Jun 15
                                                               3681 HAPPY VALLEY RD
                                                               VICTORIA BC
                                                               V9B5T7

           Bonaparte River                  WR333                J4    Y   REDIVERSION FROM A 92.P.023 FIFTYSEVEN C                         02B ASH - BONAPARTE
              Fiftyseven Creek              WR92.P.023           A     N   REDIVERSION AT J4 333 BONAPARTE R
              Trurans Lake                  WR92.P.023           B     N   NO DIVERSION OF WATER AT POD-IS PT OF STTOR WATER ORIGIN A 92.P.023 FIFTYSEVEN C

1962/05/25 C109217 0346351 LOT 1 SECTION 33 TOWNSHIP 20 RANGE 24 MITCHELL IAIN S           LAWN                  0.90 AF Apr 01 Sep 30
                            W6M KDYD PLAN 29315                BOX 192
                                                               ASHCROFT BC
                                                               V0K1A0

           Bonaparte River                  WR92.I.074.2         V     N                                                                    02B ASH - BONAPARTE

1962/05/25 C109218 3002180 LOT 2 SECTION 33 TOWNSHIP 20 RANGE 24 THIDEAULT GEORGE S & FERN L LAWN                3.00 AF Apr 01 Sep 30
                            W6M KDYD PLAN 29315                BOX 205
                                                               ASHCROFT BC
                                                               V0K1A0

           Bonaparte River                  WR92.I.074.2         W     N                                                                    02B ASH - BONAPARTE

1962/05/25 C109219 3002181 LOT 3 SECTION 33 TOWNSHIP 20 RANGE 24 MERTENS ALAIN P & GLORIA E  LAWN                2.16 AF Apr 01 Sep 30
                            W6M KDYD PLAN 29315                BOX 1232
                                                               ASHCROFT BC
                                                               V0K1A0

           Bonaparte River                  WR92.I.074.2         J     N                                                                    02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                        Licensee                          PUC         Quantity/Units  Term   Term  Licence Comments                Process Status
YYYY/MM/DD Number  Number                                                                                                    Start  End

           Source                              WR Map              POD   RED POD Comments                                                    Prec
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1962/05/25 C110045 0243999 .57 AC OF LOT 2 SEC 33 TP 20 R 24 W6M CULOS ERNES P & IDA M           IRR            1.71 AF Apr 01 Sep 30
                            KDYD PLAN 25172                    BOX 524
                                                               ASHCROFT BC
                                                               V0K1A0

           Bonaparte River                     WR92.I.074.2         G     N                                                              028 ASH - BONAPARTE

1962/05/25 C110046 3002983 .33 AC OF LOT 5 SEC 33 TP 20 R 24 W6M CULOS ERNES P & IDA M           IRR            0.99 AF Apr 01 Sep 30
                            KDYD PLAN 25172                    BOX 524
                                                               ASHCROFT BC
                                                               V0K1A0

           Bonaparte River                     WR92.I.074.2         L     N                                                              028 ASH - BONAPARTE

1962/05/25 F051849 0346350 0.5 AC OF L 6 OF SEC 33 TP 20         NASADYK JOHN W & BARBARA I      IRR            1.50 AF Apr 01 Sep 30
                           R 24 W6M PLAN 25172                 BOX 1231
                                                               PORT MCNEILL BC
                                                               V0N2R0

           Bonaparte River                     WR92.I.074.2         E     N                                                              028 ASH - BONAPARTE

1962/05/25 F051851 0346352 0.4 AC OF L 8 OF SEC 33 TP 20         WOODWORTH BRYAN A               IRR            1.20 AF Apr 01 Sep 30
                           R 24 W6M PLAN 25172                 PO BOX 902
                                                               ASHCROFT BC
                                                               V0K1A0

           Bonaparte River                     WR92.I.074.2         H     N                                                              028 ASH - BONAPARTE

1962/06/27 C061936 0244673 L 2 OF SEC 7 TP 21 R 24 W6M           MEYER KENNETH & EDNA            ENTPR        500.00 GD Jan 01 Dec 31
                           KDYD                                5287 SPRUCE ST
                                                               BURNABY BC
                                                               V5G1Y7

           Bonaparte River                     WR92.I.074.3         C     N                                                              028 ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                     Licensee                          PUC       Quantity/Units  Term   Term  Licence Comments           Process Status
YYYY/MM/DD Number  Number                                                                                               Start  End

         Source                           WR Map            POD   RED POD Comments                                                        Prec
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1963/07/15 F018250 0251084 I R 83 EXC CARIBOO HWY KDYD      BONAPARTE INDIAN BAND             DOM       2,500.00 GD Jan 01 Dec 31
                           PLAN H77                         981-686-7165
                                                            BOX 669
                                                            CACHE CREEK BC
                                                            V0K1H0

         Bonaparte River                  WR92.I.084          E     N                                                                 02B ASH - BONAPARTE

1964/01/06 C048242 0341548 0.7 AC OF L A OF L 478 LILLOOET  RAUTENBERG DIETRICH W             IRR           2.10 AF Apr 01 Sep 30
                           WITHIN KDYD PLAN 18433 & BLK A   LARGE FRANCES
                           SEC 9 TP 23 R 25 W6M             681  9TH AVE
                                                            CAMPBELL RIVER BC
                                                            V9W4B7

         Bonaparte River                  WR92.I.093          T     N                                                                 02B ASH - BONAPARTE

1964/01/06 C066883 0254147 49.3 AC OF THOSE PARTS OF L 777  SCOTTY CREEK VALLEY RANCHING CO LTD  IRR       147.90 AF Apr 01 Sep 30
                           & 778 ALL WITHIN KDYD LYING      RR 1
                           E OF RIVER & W OF HWY 97 PLAN    CACHE CREEK BC
                           H237                             V0K1H0

         Bonaparte River                  WR92.I.093          P     N                                                                 02B ASH - BONAPARTE

1964/11/20 C031797 0259687 (1) L 377 & 406 KDYD (2) FRAC SE ROYAL BANK OF CANADA              IRR         750.00 AF Apr 01 Sep 30                            A/A APPORTIONMENT PEND
                           1/4 OF SEC 6 LYING S OF L 377,   BOX 545
                           FRAC LS 8 & 9 OF SEC 7 & LS 3 & 6  CACHE CREEK BC
                           OF SEC 8 TP 21 R 24 W6M (3) FRAC V0K1H0
                           SEC 30 & 31 TP 20 R 24 EXC TRANS-
                           CAN HWY (PLAN H112) & PUBLIC RD

         Bonaparte River                  WR92.I.074.3        D     N                                                                 02B ASH - BONAPARTE

1964/11/20 C031798 0259688 L 377 KDYD EXC TRANS-CAN HWY     ROYAL BANK OF CANADA              DOM       2,500.00 GD Jan 01 Dec 31
                           (PLAN H112) & PUBLIC RD          BOX 545
                                                            CACHE CREEK BC
                                                            V0K1H0

         Bonaparte River                  WR92.I.074.3        E     N                                                                 02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                           Licensee                                 PUC           Quantity/Units   Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                                 Start  End

           Source                              WR Map               POD   RED POD Comments                                                      Prec
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1964/11/25 C030286 0259712 100 AC OF PARCEL A OF SEC 7 & 8        WOODBURN DOUGLAS ALFRED                  IRR                 300.00 AF Apr 01 Sep 30
                           PLAN B6344; W 1/2 OF NW 1/4 OF         BOX 386
                           SEC 8 EXC PLAN B6205 & B6344; LS 4     CACHE CREEK BC
                           & 5 OF SEC 17, LS 1, 8, 9, 15          V0K1H0
                           & 16 OF SEC 18 ALL IN TP 21 R 24
                           W6M

           Bonaparte River                     WR92.I.074.3           B    N                                                                    02B ASH - BONAPARTE

1965/12/29 C109199 0266804 50 ACS OF THAT PART OF FRAC SW 1/4 SE CRAWFORD EDWARD A & GRACE E              IRR                 125.00 AF Apr 01 Sep 30
                           C 29 TP 21 R 25 W6M KDYD LYING         RR 1
                           EAST OF PLAN 3895550                   CACHE CREEK BC
                                                                  V0K1H0

           Bonaparte River                     WR92.I.093            QQ    N                                                                    02B ASH - BONAPARTE

1966/03/29 C031628 0268296 15 AC OF L 102 GP 2 YALE-LYTTON        ARMSTRONG GARY L & JOANN                 IRR                  45.00 AF Apr 01 Sep 30
                           WITHIN KDYD LYING W OF CARIBOO HWY     BOX 47
                           (PLAN H235) EXC PLAN 9009, 8348,       CACHE CREEK BC
                           5594, 17740 & 23745                    V0K1H0

           Bonaparte River                     WR328A                 W    N                                                                    02B ASH - BONAPARTE

1966/11/28 C033284 0270818 10 AC OF L 1071 KDYD                   HORSTING THEODORE J                      IRR                  30.00 AF Apr 01 Sep 30
                                                                  PO BOX 716
                                                                  CACHE CREEK B C
                                                                  V0K1H0

           Bonaparte River                     WR92.I.084             F    N                                                                    02B ASH - BONAPARTE

1968/05/27 P050157 0281118 15 AC OF L 159 & L 160 LILLOOET        SINGER LUDWIG & ERNESTINE                IRR                  37.50 AF Apr 01 Sep 30
                           DIST EXC PLAN B7189, 17149 &           BOX 217
                           B9730                                  CLINTON B C
                                                                  V0K1K0

           Bonaparte River                     WR333                 B4    N                                                                    02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                          Licensee                                  PUC           Quantity/Units  Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                                Start  End

           Source                              WR Map                POD   RED POD Comments                                                          Prec
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1968/05/29 C034430 0281145 28 AC OF L 1 OF L 160 LILLOOET        BOULTER JOHN M & PAMELA M                 DOM             1,000.00 GD Jan 01 Dec 31
                           DIST PLAN 17149                       BOX 337                                   IRR                70.00 AF Apr 01 Sep 30
                                                                 CLINTON BC
                                                                 V0K1E0

           Bonaparte River                     WR333                   AJ    N                                                                   02B ASH - BONAPARTE

1968/07/11 C034641 0281399 LANDS WITHIN THE BDYS OF              CACHE CREEK VILLAGE OF                    MWKLA     255,500,000.00 GY Jan 01 Dec 31
                                                                 BOX 7
                                                                 CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                     WR328A                  X     N                                                                   02B ASH - BONAPARTE

1970/04/02 F050526 0296208 30 AC OF L 159 & 8390 LILLOOET        SINGER LUDWIG & ERNESTINE                 IRR                75.00 AF Apr 01 Sep 30
                           DIST EXC PLAN B9730                   BOX 217
                                                                 CLINTON B C
                                                                 V0K1E0

           Bonaparte River                     WR333                   B4    N                                                                   02B ASH - BONAPARTE
               Bonaparte River                 WR333                   F3    N

1970/06/24 C037449 0300067 2 AC OF L 1 OF L 95 LILLOOET          KENNY MICHAEL J                           IRR                 6.00 AF Apr 01 Sep 30
                           DIST WITHIN KDYD PLAN 8389 EXC        INGRAM MICHELE S
                           PLAN 15241 & PART DESC IN C/T         PO BOX 6
                           228538I                               CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                     WR92.I.093              G     N                                                                   02B ASH - BONAPARTE

1970/08/24 C037448 0300066 1.5 AC OF L 2 OF L 95 LILLOOET        TAIT D BARRY & DONNA F                    IRR                 4.50 AF Apr 01 Sep 30
                           WITHIN KDYD PLAN 8389                 PO BOX 1252
                                                                 ASHCROFT BC
                                                                 V0K1A0

           Bonaparte River                     WR92.I.093              H     N                                                                   02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                          Licensee                                  PUC           Quantity/Units  Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                                Start  End

           Source                                    WR Map               POD   RED POD Comments                                                                                   Prec
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1971/05/17 C039968 0305291 1.0 AC OF L A OF L 95 LILLOOET       ABRAM MURRAY E & BONITA                   IRR                3.00 AF Apr 01 Sep 30
                           DIST PLAN 15261                       BOX 204
                                                                 CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                           WR92.I.093            F     N                                                                                           02B ASH - BONAPARTE

1972/02/18 C039841 0309652 L 1 OF L 160 LILLOOET DIST PLAN      BOULTER JOHN N & PAMELA N                 DOM            1,000.00 GD Jan 01 Dec 31
                           17169                                 BOX 337
                                                                 CLINTON BC
                                                                 V0K1K0

           Bonaparte River                           WR333                 R3    N                                                                                           02B ASH - BONAPARTE

1972/11/23 C049569 0316150 10 AC OF THAT PART OF L A OF SEC     MCMULLEN WILLIAM J & GARRY S              IRR               25.00 AF Apr 01 Sep 30
                           20 TP 23 R 25 W6M PLAN 22066          BOX 633
                           LYING E OF LOON LAKE RD               CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                           WR92.I.093            NN    N                                                                                           02B ASH - BONAPARTE

1973/02/06 C065005 0316358 60 AC OF L 4929 & BLK 1 & 2 OF L     BORSTEINAS JOEL L & JUANITA A             IRR              150.00 AF Apr 01 Sep 30
                           41 & 3675 LILLOOET DIST PLAN 1004     41770 MAJUBA HILL RD
                           EXC PLAN 36421                        YARROW BC
                                                                 V0X2A0

           Bonaparte River                           WR332                 U     N                                                                                           02B ASH - BONAPARTE
               Bonaparte River                       WR332                 V     N

1973/04/18 C054679 0316764 5 AC OF L 2 OF SEC 20 TP 23 R 25     SPOONER JACOB ALLAN                       IRR               12.50 AF Apr 01 Sep 30
                           W6M PLAN 30193                        GEINGER KELLI JO-ANNE
                                                                 BOX 555
                                                                 CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                           WR92.I.093            LL    N                                                                                           02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                     Licensee                      PUC        Quantity/Units  Term   Term  Licence Comments            Process Status
YYYY/MM/DD Number  Number                                                                                            Start  End

           Source                        WR Map              POD   RED POD Comments                                           Prec
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1973/04/18 C054681 0346794 8 AC OF L 3 OF SEC 20 TP 23 R 25    HOPKINS STEPHEN B             IRR           20.00 AF Apr 01 Sep 30
                           W6M PLAN 30193 LYING E OF LOON      4002B 27TH ST
                           LAKE RD                             VERNON BC
                                                               V1T4X7

           Bonaparte River               WR92.I.093            EX    N                                                        02B ASH - BONAPARTE

1973/04/18 C061170 0346793 10 AC OF L 1 OF SEC 20 TP 23 R 25   EVANS ELAINE C                IRR           25.00 AF Apr 01 Sep 30
                           W6M PLAN 30193 LYING E OF LOON      RR 1
                           LAKE RD                             CACHE CREEK BC
                                                               V0K1H0

           Bonaparte River               WR92.I.093            MM    N                                                        02B ASH - BONAPARTE

1973/05/02 C043995 0316851 100 AC OF L 3832 & BLK A OF L       THOMSON WILLIAM               IRR          250.00 AF Apr 01 Sep 30
                           1657 LILLOOET DIST                  BOX 298
                                                               CLINTON BC
                                                               V0K1K0

           Bonaparte River               WR92P/3W(e)           C     N                                                        02B ASH - BONAPARTE

1973/05/16 C058161 0316913 L B OF SEC 7 & 8 TP 21 R 24 W6M     D R CONCEPTS INC              ENTPR     26,000.00 GD Jan 01 Dec 31 MOBILE HOME PARK
                           & OF L 377 KDYD PLAN 21950          RR 2 1024 COLE RD
                                                               ABBOTSFORD BC
                                                               V3G1T2

           Bonaparte River               WR92.I.074.3          F     N                                                        02B ASH - BONAPARTE

1973/05/16 C058162 0370211 L A OF SEC 7 TP 21 R 24 W6M OF L    COLE-VITO MOBILE HOMES LTD    ENTPR     11,500.00 GD Jan 01 Dec 31 CAR DEALERSHIP
                           377 KDYD PLAN 21950                 1024 COLE RD
                                                               ABBOTSFORD BC
                                                               V3G1T2

           Bonaparte River               WR92.I.074.3          F     N                                                        02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                      Licensee                           PUC         Quantity/Units  Term   Term  Licence Comments                 Process Status
YYYY/MM/DD Number  Number                                                                                                   Start  End

           Source                        WR Map              POD   RED POD Comments                                                    Prec
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1973/08/15 C043210 0317610 ALL LANDS WITHIN BDYS OF VILLAGE  CACHE CREEK VILLAGE OF             WWKLA    393,071,420.00 GY Jan 01 Dec 31
                                                             BOX 7
                                                             CACHE CREEK BC
                                                             V0K1H0

           Bonaparte River               WR328A               X     N                                                          02B ASH - BONAPARTE

1975/04/15 C048716 0328648 20 AC OF L 1071 KDYD              HORSTING THEODORE J                IRR               60.00 AF Apr 01 Sep 30
                                                             PO BOX 71
                                                             CACHE CREEK B C
                                                             V0K1H0

           Bonaparte River               WR92.I.084           G     N                                                          02B ASH - BONAPARTE

1975/07/08 C110167 0329126 20 ACS OF PT OF DL 91 KDYD EXC PLAN K FISCHER GUSTAV & ANNE           IRR               60.00 AF Apr 01 Sep 30
                           AP53102 LYING LEFT OF THE LEFT BANK  JACKSON RANCH
                           OF THE BONAPARTE RIVER            BOX 608
                                                             CACHE CREEK BC
                                                             V0K1H0

           Bonaparte River               WR92.I.084           P     N                                                          02B ASH - BONAPARTE

1976/09/09 C050199 0340235 75 AC OF L 4419, PARCEL A OF L    SINGER LUDWIG & ERNESTINE          IRR              187.50 AF Apr 01 Sep 30
                           158 PLAN B6959, L 160 EXC PLAN    BOX 217
                           B7189 & 17149, L 159 EXC PLAN     CLINTON B C
                           B9730 LILLOOET DIST               V0K1K0

           Bonaparte River               WR333                Z3    N                                                          02B ASH - BONAPARTE
               Bonaparte River           WR333                Y3    N
               Bonaparte River           WR333                A4    N

1976/12/21 C050201 0340677 10 AC OF N 1/2 OF L 3770 LILLOOET  JANZEN CORNELIUS F                IRR               20.00 AF Apr 01 Sep 30
                           DIST                              PO BOX 342
                                                             CLINTON BC
                                                             V0K1K0

           Bonaparte River               WR92P/3W(a)          P     N                                                          02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                               Licensee                                  PUC           Quantity/Units   Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                                   Start  End

           Source                               WR Map               POD   RED POD Comments                                                                    Prec

1976/12/30 C062374 0340695 L 1 OF L 377 & SEC 7 TP 21             MEYER KENNETH & EDNA                      ENTPR               500.00 GD Jan 01 Dec 31
                           R 24 W6M KDYD PLAN 28109               5287 SPRUCE ST
                                                                  BURNABY BC
                                                                  V5G1Y7

           Bonaparte River                      WR92.I.074.3          C     N                                                                                    02B ASH - BONAPARTE

1976/12/30 C062375 0370526 L 3 OF L 377 & SEC 7 TP 21             MEYER KENNETH & EDNA                      ENTPR               500.00 GD Jan 01 Dec 31 TIRE STORE
                           R 24 W6M KDYD PLAN 28109               5287 SPRUCE ST
                                                                  BURNABY BC
                                                                  V5G1Y7

           Bonaparte River                      WR92.I.074.3          C     N                                                                                    02B ASH - BONAPARTE

1976/12/30 C062376 0370527 L 4 OF L 377 KDYD PLAN 28109           KEN MEYER ENTERPRISES LTD                 ENTPR             1,000.00 GD Jan 01 Dec 31 CAR DEALERSHIP
                                                                  5287 SPRUCE STREET
                                                                  BURNABY B C
                                                                  V5G1Y7

           Bonaparte River                      WR92.I.074.3          C     N                                                                                    02B ASH - BONAPARTE

1977/05/24 C050197 0341315 5 AC OF L 1 OF SEC 33 TP 20 R 24       KIDDER JOCELYN M                          IRR                  15.00 AF Apr 01 Sep 30
                           W6M PLAN 25172                         PO BOX 574
                                                                  ASHCROFT BC
                                                                  V0K1A0

           Bonaparte River                      WR92.I.074.2          F     N                                                                                    02B ASH - BONAPARTE

1978/11/10 C053562 0364862 40 AC OF L 4384 LILLOOET DIST          SLENKO PETER I & MARIE V                  IRR                 100.00 AF Apr 01 Sep 30
                                                                  LOONE LAKE ROAD RR 1
                                                                  CACHE CREEK BC
                                                                  V0K1H0

           Bonaparte River                      WR332                 GG    N                                                                                    02B ASH - BONAPARTE
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Priority   Licence File    Appurtenancy                          Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                                   Start  End

           Source                        WR Map          POD   RED POD Comments                                                      Prec

1980/01/07 C055047 0355834 L 4384 LILLOOET DIST                  SLENKO PETER I & MARIE V                 DOM              1,000.00 GD Jan 01 Dec 31 STOCK WATERING
                                                                 LOONE LAKE ROAD RR 1
                                                                 CACHE CREEK BC
                                                                 V0K1N0

           Bonaparte River               WR332                 JJ   N                                                                                     02B ASH - BONAPARTE
               Bonaparte River           WR332                 TT   N
               Bonaparte River           WR332                 SS   N
               Bonaparte River           WR332                 RR   N
               Bonaparte River           WR332                 QQ   N
               Bonaparte River           WR332                 PP   N

1981/04/01 C058950 0368190 L 2 OF L 95 LILLOOET WITHIN KDYD      SPOONER JERRY & LEONA                    DOM              1,000.00 GD Jan 01 Dec 31
                           PLAN 9676                             RR 1 BOX 2
                                                                 CACHE CREEK B C
                                                                 V0K1N0

           Bonaparte River               WR92.I.093             L    N                                                                                     02B ASH - BONAPARTE

1984/06/15 C061181 3000633 L 2 SEC 33 TP 20 R 24 W6M             CULOS ERMES P & IDA M                    DOM                500.00 GD Jan 01 Dec 31 STOCK WATERING                            AND UNDER AMENDMENT
                           PLAN 25192                            BOX 524                                  SW                 500.00 GD Jan 01 Dec 31
                                                                 ASHCROFT BC
                                                                 V0K1A0

           Bonaparte River               WR92.I.074.2           G    N                                                                                     02B ASH - BONAPARTE

1986/02/28 C102573 3000883 L 3831 & 3771 LILLOOET DISTRICT       NUSSFELD EBERHARD                        PONDS           14,870.00 GD Jan 01 Dec 31
                                                                 BOX 353                                  IRR                 80.00 AF Apr 01 Sep 30
                                                                 CLINTON BC
                                                                 V0K1K0

           Bonaparte River               WR92P/3W(e)           AA   N                                                                                     02B ASH - BONAPARTE
               Bonaparte River           WR92P/3W(e)           R    N
               Bonaparte River           WR92P/3W(e)           BB   N
               Bonaparte River           WR92P/3W(e)           CC   N
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Stream Register Report                                              Water Licence Information System                              DATE: 1996/01/12
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Priority   Licence File    Appurtenancy                         Licensee                                PUC          Quantity/Units  Term   Term  Licence Comments                      Process Status
YYYY/MM/DD Number  Number                                                                                                        Start  End

           Source                              WR Map                POD  RED POD Comments                                                       Prec
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1986/09/24 C102565 3000964 IR #2 (105 MILE POST) AND IR #4 (ASHC ASHCROFT INDIAN BAND                  IRR           1,200.00 AF Apr 01 Sep 30
                           ROFT) KDYD                           981-685-7161
                                                                BOX 440
                                                                ASHCROFT BC
                                                                V0K1A0

           Bonaparte River                     WR92.I.074.3          D    N                                                             02B ASH - BONAPARTE

1986/12/05 C103069 3000994 THE CONSERVATION PROJECT OF THE LICEN FISHERIES BRANCH                      CONST        14,300.00 AF Jan 01 Dec 31 STORAGE WORKS TO BE OPERATED IN ACCORDAN
                           SEE WITHIN THE BONAPARTE RIVER       1259 DALHOUSIE DR                      CONWK             0.00 AD Jan 01 Dec 31 CE WITH A RULE CURVE AND RELEASE
                                                                KAMLOOPS BC                                                                    SCHEDULE ATTACHED TO THE LICENCE
                                                                V2C5Z5

           Bonaparte River                     WR92.I.074.4          D    N   POD IS FOR FISH LADDER ON BONAPARTE RIVER                      02B ASH - BONAPARTE
               Bonaparte River                 WR92P/SE(7-b)         OO   N   POD IS FOR DAMSITE AT OUTLET OF BONAPARTE LAKE

1987/10/21 C066909 0086537 L 1096 LILLOOET DIST                 89 CATTLE CO LTD                       IRR              27.00 AF Apr 01 Sep 30
                                                                C/O SHEILA CHALMERS
                                                                3691 HAPPY VALLEY RD
                                                                VICTORIA BC
                                                                V9B5T7

           Bonaparte River                     WR333                 J4   N                                                             02B ASH - BONAPARTE

1988/09/07 Z102629 3001359 L A L 3769 PL 29569 & L 3774         DOUBLE R BAR RANCH                     IRR             200.00 AF Apr 01 Sep 30                                        VIC VICTORIA APPLICATION
                           LILLOOET DIST                        PO BOX 537                             STORP           500.00 AF Jan 01 Dec 31
                                                                CLINTON BC
                                                                V0K1K0

           Bonaparte River                     WR333                 L4   N                                                             02B ASH - BONAPARTE
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Priority   Licence File   Appurtenancy                  Licensee                              PUC        Quantity/Units  Term   Term  Licence Comments           Process Status
YYYY/MM/DD Number  Number                                                                                                Start  End

          Source                          WR Map         POD   RED POD Comments                                                     Prec
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1990/02/26 Z102622 3001608 PCL A L 160 LILLOOET DIST PL 1789   JANZEN CORNELIUS F                IRR        80.00 AF Apr 01 Sep 30                          APP APPLIC-CLEARED
                                                         PO BOX 342                        STONP      80.00 AF Jan 01 Dec 31
                                                         CLINTON BC
                                                         V0K1K0

          Bonaparte River                 WR333            VV     N                                                             02B ASH - BONAPARTE
             Bonaparte River              WR333            DJ     N
             Bonaparte River              WR333            ZZ     N

1990/02/26 Z102623 3001609 L 158 & 160 LILLOOET DIST        SINGER LUDWIG & ERNESTINE & GERHARD   IRR       150.00 AF Apr 01 Sep 30                          APP APPLIC-CLEARED
                                                         BOX 217
                                                         CLINTON BC
                                                         V0K1K0

          Bonaparte River                 WR333            M4     N                                                             02B ASH - BONAPARTE
             Bonaparte River              WR333            N4     N

1990/03/05 Z102633 3001618 L 3845 & 3846                    1849 FLYING U RANCH LTD           DOM       500.00 GD Jan 01 Dec 31 ALSO STOCK WATERING & POWER   APP APPLIC-CLEARED
                                                         C/O RONALD FREMLIN                IRR       100.00 AF Apr 01 Sep 30
                                                         PO BOX 69                         STONP     300.00 AF Jan 01 Dec 31
                                                         70 MILE HOUSE BC
                                                         V0K2K0

          Bonaparte River                 WR92.P.025       F      N                                                             02B ASH - BONAPARTE

1990/03/09 Z102624 3001620 L 777 778 & 468 LILLOOET DIST    HUNTER M T                        IRR        75.00 AF Apr 01 Sep 30                          APP APPLIC-CLEARED
                                                         RR 1
                                                         CACHE CREEK BC
                                                         V0K1H0

          Bonaparte River                 WR92.I.093       R      N                                                             02B ASH - BONAPARTE
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Priority   Licence File   Appurtenancy                     Licensee                         PUC        Quantity/Units  Term   Term  Licence Comments              Process Status
YYYY/MM/DD Number  Number                                                                                              Start  End

          Source                    WR Map                 POD   RED POD Comments                                                      Prec
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1990/03/14 Z102634 3001627 S1/2 OF L 3770 LILLOOET DIST    BURNSIDE HERBERT & MARNIE        DOM            500.00 GD Jan 01 Dec 31                                APP APPLIC-CLEARED
                                                           PO BOX 556                       SW           1,000.00 GD Jan 01 Dec 31
                                                           CLINTON BC                       IRR             25.00 AF Apr 01 Sep 30
                                                           V0K1E0

          Bonaparte River           WR92P/3W(e)              X     N                                                                 02B ASH - BONAPARTE

1990/03/19 Z102635 3001629 N1/2 OF L 3778 & 7795 LILLOOET DIST  SMITH HARRY                 IRR            200.00 AF Apr 01 Sep 30                                APP APPLIC-CLEARED
                                                           PO BOX 204                       STOMP          400.00 AF Jan 01 Dec 31
                                                           CLINTON BC
                                                           V0K1E0

          Bonaparte River           WR92P/3W(e)              Y     N                                                                 02B ASH - BONAPARTE

1990/03/21 Z102625 3001633 L 4929 & BLKS 1 & 2 L 41 & 3675  BORSTEINAS JOEL L & JUANITA A   IRR             50.00 AF Apr 01 Sep 30                                APP APPLIC-CLEARED
                           LILLOOET DIST                   41770 MAJUBA HILL RD
                                                           YARROW BC
                                                           V0X2A0

          Bonaparte River           WR92.I.093              SS     N                                                                 02B ASH - BONAPARTE

1990/03/21 Z102626 3001634 L 4386 4925 4926 4928 & 5162   ENGELHART JOHN M & ELIZABETH A    IRR            150.00 AF Apr 01 Sep 30                                APP APPLIC-CLEARED
                           LILLOOET DIST                   GD
                                                           CLINTON BC
                                                           V0K1E0

          Bonaparte River           WR332                   ZZ     N                                                                 02B ASH - BONAPARTE
              Bonaparte River       WR332                   YY     N
              Bonaparte River       WR332                   A3     N
              Bonaparte River       WR332                   B3     N
              Bonaparte River       WR333                   Q4     N

1990/04/02 Z102627 3001643 L 4387 LILLOOET DIST            WATT LLOYD G                     IRR             75.00 AF Apr 01 Sep 30                                APP APPLIC-CLEARED
                                                           RR 1
                                                           CACHE CREEK BC
                                                           V0K1H0

          Bonaparte River           WR332                   C3     N                                                                 02B ASH - BONAPARTE
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Stream Register Report                                    Water Licence Information System                                   DATE: 1996/01/12
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Priority   Licence File    Appurtenancy                       Licensee                        PUC      Quantity/Units Term   Term  Licence Comments          Process Status
YYYY/MM/DD Number  Number                                                                                             Start  End

        Source                           WR Map               POD   RED POD Comments                                                Prec
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1990/04/24 Z102628 3001665 E1/2 OF N1/2 SEC 33 TWP 32 R 24 &  MCKAY KENNETH A                 IRR           98.00 AF Apr 01 Sep 30                          APP APPLIC-CLEARED
                           E1/2 OF E1/2 OF SEC 32 TWP 20 R 24 PO BOX 1269                     STONP         98.00 AF Jan 01 Dec 31
                           W6M LILLOOET DIST                  ASHCROFT BC
                                                              V0K1A0

        Bonaparte River                  WR92.I.074.2           P     N                                                     02B ASH - BONAPARTE

1991/06/12 Z102721 3001973 IR # 2 & 4                         ASHCROFT INDIAN BAND            IRR          150.00 AF Apr 01 Sep 30                          APP APPLIC-CLEARED
                                                              981-685-7160                    STONP        600.00 AF Jan 01 Dec 31
                                                              BOX 440
                                                              ASHCROFT BC
                                                              V0K1A0

        Bonaparte River                  WR92.I.074.3           D     N                                                     02B ASH - BONAPARTE

1992/04/16 Z104611 3002200 BLOCKS 3 & 4 DL95 & DL 643 LD      PITT THOMAS HENRY               IRR          287.50 AF Apr 01 Sep 30                          APP APPLIC-CLEARED
                                                              BOX 1
                                                              CACHE CREEK BC
                                                              V0K1H0

        Bonaparte River                  WR92.I.093             XX    N                                                     02B ASH - BONAPARTE

1992/07/31 Z105158 3002301 PART NE 1/4 SEC 17 TP 23 RG 25 W6M ED HOCK JERRY & BERNICE         IRR          100.00 AF Apr 01 Sep 30                          APP APPLIC-CLEARED
                           YD EXC PLANS 11289, H238 & 38552   RR 1
                                                              CACHE CREEK BC
                                                              V0K1H0

        Bonaparte River                  WR92.I.093             YY    N                                                     02B ASH - BONAPARTE

1993/03/18 Z106338 3002435 LS 3 SEC 8 TP 21 RG 24 W6M KDYD EX PL GREENFIELD TROY K & WILLIAM T IRR          60.00 AF Apr 01 Sep 30                          APP APPLIC-CLEARED
                           ANS H659 & KAP48326 AND            HAMMOND SLOANE M
                           LS 6 SEC 8 TP 21 RG 24 W6M KDYD EX PL BOX 443
                           AN 48326                           ASHCROFT BC
                                                              V0K1A0

        Bonaparte River                  WR92.I.074.4           G     N                                                     02A ASH - ASHCROFT
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Priority   Licence File    Appurtenancy          Licensee                       PUC        Quantity/Units  Term   Term  Licence Comments          Process Status
YYYY/MM/DD Number  Number                                                                                  Start  End

           Source                        WR Map       POD   RED POD Comments                                                  Prec
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1994/10/11 Z108793 3002800 DL 4386 LD                ENGELHART JOHN H & ELIZABETH A   IRR          70.00 AF Jan 01 Dec 31                          APP APPLIC-CLEARED
                                                     GD
                                                     CLINTON BC
                                                     V0K1E0

           Bonaparte River               WR332         E3    H                                                       02B ASH - BONAPARTE

     ------------ Total of 95 Licences Reported ------------
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Report Requested By   : DJOLLY
Date Report Requested : 1996/01/12 11:08
Report Sorted By      : Source Gazetted - Priority Date - Licence Number
Selection Criteria
            START POINT      : N06898 - Bonaparte Lake on Bonaparte River
            END POINT        : S06894 - Bonaparte River left of Young Lake
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Stream Register Report                                                                          Water Licence Information System                                      DATE: 1996/01/12
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Priority   Licence File    Appurtenancy                         Licensee                                 PUC           Quantity/Units Term   Term  Licence Comments                        Process Status
YYYY/MM/DD Number  Number                                                                                                             Start  End

           Source                               WR Map               POD   RED POD Comments                                                          Prec
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1940/01/25 C014428 0066645 90 AC OF E 1/2 OF L 1406 & E 1/2      THOMY JANET C                            IRR                  100.00 AF Apr 01 Sep 30
                           OF L 1407 LILLOOET DIST              RR 1 COMP 6 SITE 4
                                                                70 MILE HOUSE BC
                                                                V0K2K0

           Bonaparte River                      WR92.P.037             A     N                                                                       02B ASH - BONAPARTE

1983/03/04 C059882 3000258  1403 LILLOOET DIST                  MACKENZIE JOHN C & ANNE                  DOM                 1,000.00 GD Jan 01 Dec 31
                                                                3802 SOMERSET ST
                                                                PORT COQUITLAM BC
                                                                V3B3G2

           Bonaparte River                      WR92.P.026             R     N                                                                       02B ASH - BONAPARTE

1986/12/05 C103069 3000994 THE CONSERVATION PROJECT OF THE LICEN FISHERIES BRANCH                        CONST              14,300.00 AF Jan 01 Dec 31 STORAGE WORKS TO BE OPERATED IN ACCORDAN
                           SEE WITHIN THE BONAPARTE RIVER        1259 DALHOUSIE DR                       CONWX                   0.00 GD Jan 01 Dec 31 CE WITH A RULE CURVE AND RELEASE
                                                                KAMLOOPS BC                                                                           SCHEDULE ATTACHED TO THE LICENCE
                                                                V2C5Z5

           Bonaparte River                      WR92P/SE(7-b)          GG    N   POD IS FOR DAMSITE AT OUTLET OF BONAPARTE LAKE                      02B ASH - BONAPARTE
              Bonaparte River                   WR92.I.074.4           D     N   POD IS FOR FISH LADDER ON BONAPARTE RIVER

1986/12/06 C103065 3000591 THE STORAGE AND AGRICULTURAL PROJECT  BONAPARTE DAM WUC                       STORP               3,000.00 AF Jan 01 Dec 31 WORKS TO BE OPERATED IN ACCORDANCE WITH
                           OF THE LICENSEE WITHIN THE BONAPARTE  C/O JOHN ENGLEHART                                                                   A RULE CURVE AND RELEASE SCHEDULE
                           RIVER WATERSHED                       LOON LAKE RD RR 1                                                                    ATTACHED TO THE LICENCE
                                                                 CACHE CREEK BC
                                                                 V0K1H0

           Bonaparte River                      WR92P/SE(7-b)          GG    N   POD IS DAMSITE AT OUTLET OF BONAPARTE LAKE                          02B ASH - BONAPARTE

1988/06/14 Z102563 3001482 THE CONSERVATION PROJECT OF THE       FISHERIES BRANCH                        CONST               8,500.00 AF Jan 01 Dec 31                                          VIC VICTORIA APPLICATION
                           APPLICANT WITHIN THE WATERS OF        1259 DALHOUSIE DR
                           BONAPARTE LAKE                        KAMLOOPS BC
                                                                 V2C5Z5

           Bonaparte River                      WR92P/SE(7-b)          GG    N                                                                       02B ASH - BONAPARTE
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Stream Register Report                                    Water Licence Information System                                    DATE: 1996/01/12
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Priority   Licence File    Appurtenancy                          Licensee                      PUC        Quantity/Units  Term   Term  Licence Comments                  Process Status
YYYY/MM/DD Number  Number                                                                                                 Start  End

           Source                        WR Map                  POD   RED POD Comments                                                Prec
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1990/02/20 Z102621 3001604 L 1426 1428 1429 & 1409               EAGAN LAKE RANCH LTD          IRR             69.00 AF Apr 01 Sep 30                                   APP APPLIC-CLEARED
                           LILLOOET DIST                         PO BOX 34
                                                                 BRIDGE LAKE BC
                                                                 V0K1E0

           Bonaparte River               WR92.P.037               Z     N                                                      02B ASH - BONAPARTE
               Bonaparte River           WR92.P.037               Y     N

1992/04/14 C104606 3002211 THAT PTN OF LOT 1 OF DL 1409 LILLOOET BALL CHARLES & DORIS          DOM            500.00 GD Jan 01 Dec 31
                            DISTRICT PLAN 32806 LYING NORTH &    37-8471 RYAN RD
                           WEST OF EAGAN LK RD                   RICHMOND BC
                                                                 V7A2E8

           Bonaparte River               WR92.P.037               BB    N                                                      02B ASH - BONAPARTE

     ------------ Total of 7 Licences Reported ------------
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Stream Register Report      Water Licence Information System
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    Report Requested By    : DJOLLY
    Date Report Requested : 1996/01/10 15:03
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                  START POINT      : PD45897 - 92.I.083 GG
                  END POINT        : 806512 - Cornwall Creek right of Thompson River
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Stream Register Report                                     Water Licence Information System                                          DATE: 1996/01/10
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Priority   Licence File   Appurtenancy                   Licensee                         PUC        Quantity/Units  Term   Term  Licence Comments                 Process Status
YYYY/MM/DD Number  Number                                                                                           Start  End
       Source                      WR Map             P:O  RED POD Comments                                                 Prec
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1865/04/27 F005859 0241367 120.2 AC OF L 15, 16 & N PART 19   ASHCROFT RANCH              DOM        1,000.00 GD Jan 01 Dec 31 STOR AT F 5883 MEDICINE CR
                           GP 1 LYTTON & L 17 & 18 GP 1 YALE   WICKLOW WEST HOLDINGS LTD   IRR          361.00 AF Apr 01 Sep 30 SUPPLEMENTARY TO F 5858 MEDICINE CR - 02
                           LYTTON WITHIN KDYD                  BOX 1209
                                                               ASHCROFT BC
                                                               V0K1A0

       Cornwall Creek              WR92.I.074.1        F    N                                                            02E ASH - CORNWALL
          Cornwall Creek           WR92.I.074.1        H    N
          Cornwall Creek           WR92.I.074.1        G    N

1865/04/27 F005883 0241368 STOR FOR F 5858 MEDICINE CR &      ASHCROFT RANCH              STONP        300.00 AF Nov 01 Jun 01 STOR IN MCLEAN LK
                           F 5959 CORNWALL CR                  WICKLOW WEST HOLDINGS LTD
                                                               BOX 1209
                                                               ASHCROFT BC
                                                               V0K1A0

       Cornwall Creek              WR92.I.073          S    N   NO DIVERSION OF WATER AT POD-IS PT OF STFOR ORIGIN E 324 MEDICINE CR-ASH/BON-02B 02B ASH - BONAPARTE
          Medicine Creek           WR92.I.073          R    N

1877/11/19 F005858 0241274 120.2 AC OF L 15 & 16 & N PART OF  ASHCROFT RANCH              DOM        1,000.00 GD Jan 01 Dec 31 STOR AT F 5883 MEDICINE CR
                           L 19 LYTTON & PART OF L 17 & 18     WICKLOW WEST HOLDINGS LTD   IRR          361.00 AF Apr 01 Sep 30 SUPPLEMENTARY TO F 5989 CORNWALL CR
                           YALE-LYTTON WITHIN KDYD             BOX 1209
                                                               ASHCROFT BC
                                                               V0K1A0

       Cornwall Creek              WR92.I.074.1        H    Y   REDIVERSION FROM E 324 MEDICINE CR - 02B                 02B ASH - BONAPARTE
          Cornwall Creek           WR92.I.073          S    Y   REDIVERSION FROM E 324 MEDICINE CR - 02B
          Medicine Creek           WR92.I.073          R    N   REDIVERSION AT E 92I/14W(D) V D & C 363 CORNWALL CR - 02E
          Cornwall Creek           WR92.I.074.1        G    Y   REDIVERSION FROM E 324 MEDICINE CR - 02B
          Cornwall Creek           WR92.I.074.1        F    Y   REDIVERSION FROM E 324 MEDICINE CR - 02B

1942/05/19 F012817 0146840 I R 04 ASHCROFT TRIBE              ASHCROFT INDIAN BAND        DOM        1,000.00 GD Jan 01 Dec 31
                                                               981-685-7161
                                                               BOX 440
                                                               ASHCROFT BC
                                                               V0K1A0

       Cornwall Creek              WR92.I.074.1        H    N                                                            02E ASH - CORNWALL
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Stream Register Report                                                                          Water Licence Information System                                                                       DATE: 1996/01/10
                                                                                                                                                                                                       TIME: 15:03
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Priority   Licence File   Appurtenancy                                   Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                                       Start  End

           Source                                 WR Map                     POD  RED POD Comments                                                                 Prec
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1943/11/26 F012818 0151409 L A OF L 16 GP 1 LYTTON WITHIN                ATCHISON RORY                            DOP             2,500.00 GD Jan 01 Dec 31
                           KDYD PLAN 4023                                11275 LOUGHREN DR
                                                                         SURREY BC
                                                                         V3R4Z3

           Cornwall Creek                         WR92.I.074.1                 H    N                                                                          02E ASH - CORNWALL

1944/12/21 C016557 0154912 SEE FILE                                      ASHCROFT RANCH                           IRR               700.00 AF Apr 01 Sep 30 STOR AT C 16558 MEDICINIE CR
                                                                         WICKLOW WEST HOLDINGS LTD
                                                                         BOX 1209
                                                                         ASHCROFT BC
                                                                         V0K1A0

           Cornwall Creek                         WR92.I.074.1                 G    Y   REDIVERSION FROM E 324 MEDICINE CR - 02B                                   02B ASH - BONAPARTE
               Cornwall Creek                     WR92.I.073                   S    Y   REDIVERSION FROM E 324 MEDICINE CR - 02B
               Medicine Creek                     WR92.I.073                   R    N   REDIVERSION AT E 92I/14W(D) V D & B 363 CORNWALL CR - 02E
               Cornwall Creek                     WR92.I.074.1                 J    Y   REDIVERSION FROM E 324 MEDICINE CR - 02B
               Cornwall Creek                     WR92.I.074.1                 F    Y   REDIVERSION FROM E 324 MEDICINE CR - 02B

1944/12/21 C016558 0154912 STOR FOR C 16557 MEDICINE CR                  ASHCROFT RANCH                           STORP             700.00 AF Nov 01 Jun 01 STOR IN MCLEAN LK
                                                                         WICKLOW WEST HOLDINGS LTD
                                                                         BOX 1209
                                                                         ASHCROFT BC
                                                                         V0K1A0

           Cornwall Creek                         WR92.I.073                   S    N   NO DIVERSION OF WATER AT POD-IS PT OF STFOR ORIGIN E 324 MEDICINE CR-ASH/BON-02B 02B ASH - BONAPARTE
               Medicine Creek                     WR92.I.073                   R    N

1944/12/21 C016559 0154912 300 AC OF L 15 & 16 GP 1 LYTTON               ASHCROFT RANCH                           IRR               200.00 AF Apr 01 Sep 30
                           IN KDYD EXC L 2 & 3 PLAN 3139                 WICKLOW WEST HOLDINGS LTD
                           & L A PLAN 4023; L 17 & 18 GP 1               BOX 1209
                           YALE LYTTON IN KDYD FRAC SEC 19               ASHCROFT BC
                           TP 20 R 24 FRAC N 1/2 SEC 1 FRAC              V0K1A0
                           SEC 12, 13 & 24 TP 20 R 25 W6M

           Cornwall Creek                         WR92.I.074.1                 F    N                                                                          02E ASH - CORNWALL
               Cornwall Creek                     WR92.I.074.1                 J    N
               Cornwall Creek                     WR92.I.074.1                 G    N
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Stream Register Report                                                                         Water Licence Information System                                                                      DATE: 1996/01/10
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Priority   Licence File    Appurtenancy                         Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                              Start  End

           Source                             WR Map               POD   RED POD Comments                                                                    Prec
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1944/12/21 C065018 0258944 2.887 AC OF L A OF L 16 GP 1         AGNEW HOLDINGS LTD                       ENTPR           1,000.00 GD Jan 01 Dec 31
                           LYTTON & 17 GP 1 YALE LYTTON         PO BOX 478                               IRR                 8.66 AF Apr 01 Sep 30
                           WITHIN KDYD PLAN 33804               ASHCROFT BC
                                                                V0K1A0

           Cornwall Creek                     WR92.I.074.1          H    N                                                                                   02E ASH - CORNWALL

1953/04/21 C022504 0199542 250 AC OF L 15, 16 & 19 EXC L 2      ASHCROFT RANCH                           IRR               750.00 AF Apr 01 Sep 30 STOR AT C 22505 MEDICINE CR
                           & 3 PLAN 3139 & L A PLAN 4023        WICKLOW WEST HOLDINGS LTD
                           LYTTON WITHIN KDYD, N 1/2 OF FRAC    BOX 1209
                           SEC 1 & FRAC SEC 12 TP 20 R 25 & 6M  ASHCROFT BC
                           FRAC W 1/2 OF SEC 6 TP 20 R 24 W     V0K1A0

           Cornwall Creek                     WR92.I.074.1          F    Y  REDIVERSION FROM E 324 MEDICINE CR - 02B                                         02B ASH - BONAPARTE
               Cornwall Creek                 WR92.I.073            S    Y  REDIVERSION FROM E 324 MEDICINE CR - 02B
               Medicine Creek                 WR92.I.073            R    N  REDIVERSION AT E 92I/14W(D) & V C 363   CORNWALL CR - 02E
               Cornwall Creek                 WR92.I.074.1          H    Y  REDIVERSION FROM E 324 MEDICINE CR - 02B

1953/04/21 C022505 0199542 STOR FOR C 22504 MEDICINE CR         ASHCROFT RANCH                           STONP             750.00 AF Oct 01 Jun 15 STOR IN MCLEAN LK
                                                                WICKLOW WEST HOLDINGS LTD
                                                                BOX 1209
                                                                ASHCROFT BC
                                                                V0K1A0

           Cornwall Creek                     WR92.I.073            S    N  NO DIVERSION OF WATER AT POD-IS PT OF STFOR ORIGIN E 324 MEDICINE CR-ASH/BON-02B 02B ASH - BONAPARTE
               Medicine Creek                 WR92.I.073            R    N

1956/07/06 C024606 0212560 250 AC OF L 15 & 16 GP 1 LYTTON      ASHCROFT RANCH                           IRR               215.00 AF Apr 01 Sep 30 STOR AT C 24607 CORNWALL CR
                           EXC L 2 & 3 PLAN 3139 & L A PLAN     WICKLOW WEST HOLDINGS LTD
                           4023 L 19 GP 1 LYTTON IN KDYD N      BOX 1209
                           1/2 OF FRAC SEC 1 & FRAC SEC 12      ASHCROFT BC
                           TP 20 R 25 & FRAC W 1/2 OF SEC 6     V0K1A0
                           TP 20 R 24 W6M

           Cornwall Creek                     WR92.I.074.1          M    N                                                                                   02E ASH - CORNWALL
               Cornwall Creek                 WR92.I.083           GG    N
               Cornwall Creek                 WR92.I.074.1          F    N
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Stream Register Report                                           Water Licence Information System                                      DATE: 1996/01/10
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Priority   Licence File   Appurtenancy                  Licensee                      PUC        Quantity/Units  Term   Term  Licence Comments         Process Status
YYYY/MM/DD Number  Number                                                                                        Start  End

           Source                   WR Map          POD   RED POD Comments                                                     Prec
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1956/07/06 C024607 0212560 STOR FOR C 24606 CORNWALL CR  ASHCROFT RANCH                STONP          215.00 AF Oct 01 Jun 15 STOR IN FITZALLAN LK & HENRY LK
                                                        WICKLOW WEST HOLDINGS LTD
                                                        BOX 1209
                                                        ASHCROFT BC
                                                        V0K1A0

           Cornwall Creek           WR92.I.083       GG    N                                                                   02E ASH - CORNWALL
               Fitzallan Lake       WR92.I.083       HH    N   NO DIVERSION OF WATER AT POD-IS PT OF STFOR WATER ORIGIN B 92I/14W(D) CORNWALL C
               Henry Lake           WR92.I.083       JJ    N   NO DIVERSION OF WATER AT POD-IS PT OF STFOR WATER ORIGIN B 92I/14W(D) CORNWALL C

1966/05/18 C031630 0269345 ASHCROFT I R #4 PART L 17 GP 1  ASHCROFT INDIAN BAND       WWEOT        4,000.00 GD Jan 01 Dec 31 STOR AT C 31631 CORNWALL CR
                           YALE LYTTON IN EDYD LYING E OF   981-685-7161
                           TRANSCANADA HWY & N OF CORNWALL  BOX 440
                           CR & L 446 EDYD                  ASHCROFT BC
                                                            V0K1A0

           Cornwall Creek           WR92.I.074.1      H    N                                                                   02E ASH - CORNWALL

1966/05/18 C031631 0269345 STOR FOR C 31630 CORNWALL CR    ASHCROFT INDIAN BAND       STONP            6.70 AF Oct 01 Jun 15 STOR IN MCLEAN LK
                                                            981-685-7161
                                                            BOX 440
                                                            ASHCROFT BC
                                                            V0K1A0

           Cornwall Creek           WR92.I.073        S    N                                                                   02E ASH - CORNWALL

1992/02/19 Z104233 3002121 IR #3                            BONAPARTE INDIAN BAND      HATCH            0.50 CS Jan 01 Dec 31                             APP APPLIC-CLEARED
                                                            981-686-7166               IRR          1,920.00 AF Apr 01 Sep 30
                                                            BOX 669                    STONP        1,920.00 AF Jan 01 Dec 31
                                                            CACHE CREEK BC
                                                            V0K1H0

           Cornwall Creek           WR92.I.073        S    N   THIS POD IS FOR THE STORAGE PURPOSE                             02E ASH - CORNWALL
               McLean Lake          WR92.I.073        V    N   THIS POD IS FOR IRR & IND PURPOSE.
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Priority   Licence File   Appurtenancy                Licensee                      PUC         Quantity/Units  Term   Term  Licence Comments          Process Status
YYYY/MM/DD Number  Number                                                                                      Start  End

        Source                          WR Map         POD   RED POD Comments                                        Prec
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1992/02/19 Z104233 3002121 IR 03                       BONAPARTE INDIAN BAND         MATCH             0.50 CS Jan 01 Dec 31                   APP APPLIC-CLEARED
                                                       981-686-7166                  IRR           1,920.00 AF Apr 01 Sep 30
                                                       BOX 669                       STONP         1,920.00 AF Jan 01 Dec 31
                                                       CACHE CREEK BC
                                                       V0K1H0

        McLean Lake                     WR92.I.073      V    N   THIS POD IS FOR IRR & IND PURPOSE.                  02E ASH - CORNWALL
          Cornwall Creek                WR92.I.073      S    N   THIS POD IS FOR THE STORAGE PURPOSE

   ------------ Total of 17 Licences Reported ------------
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Stream Register Report      Water Licence Information System
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   Report Requested By   : DJOLLY
   Date Report Requested : 1996/01/10 14:59
   Report Sorted By      : Source Gazetted - Priority Date - Licence Number
   Selection Criteria
                START POINT      : PD46404 - 92.I.063 X
                END POINT        : 806570 - Hat Creek right of Bonaparte River
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                                                                                                                                  DATE: 1996/01/10
Stream Register Report                                         Water Licence Information System                                   TIME: 14:59
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Priority   Licence File    Appurtenancy                   Licensee                        PUC        Quantity/Units  Term   Term  Licence Comments        Process Status
YYYY/MM/DD Number  Number                                                                                            Start  End

      Source                         WR Map          POD   RED POD Comments                                                      Prec
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1871/01/09 F005941 0241268 137.8 AC OF L 94 & 93 LILLOOET  BC HYDRO & POWER AUTHORITY      DOM        1,500.00 GD Jan 01 Dec 31                         A/A APPORTIONMENT PEND
                           DIST                            PWR SUPPLY BUS. SERVICES        IRR          413.50 AF Apr 01 Sep 30
                                                           6911 SOUTHPOINT DR (EO8)
                                                           BURNABY BC
                                                           V3N4X8

      Hat Creek                      WR92.I.083        CC    N                                                                   02B ASH - BONAPARTE
         Hat Creek                   WR92.I.083        DD    N

1871/04/08 F016194 0241269 13.7 AC OF FRAC LS 9 OF SEC 24  COOKS FERRY INDIAN BAND         IRR           41.00 AF Apr 01 Sep 30 SUPPLEMENTARY TO F 16196 - OREGON JACK C
                           TP 19 R 25, FRAC LS 12 OF SEC   981-694-7222
                           19 TP 19 R 24, FRAC LS 5 & 12 OF BOX 130
                           SEC 30 TP 19 R 24 W6M           SPENCES BRIDGE BC
                                                           V0K2L0

      Hat Creek                      WR92.I.063        X     N   REDIVERSION AT C 361 - OREGON JACK CR - ASH/CORN - 02E      02B ASH - BONAPARTE
         Oregon Jack Creek           WR92.I.064        P     Y   REDIVERSION FROM D 326 HAT CR - ASH/BON 02B

1871/04/08 F016458 0241269 SEE LICENCE                     ASHCROFT RANCH                  IRR          388.00 AF Apr 01 Sep 30 SUPPLEMENTARY TO F 16459 - OREGON JACK C
                                                           WICKLOW WEST HOLDINGS LTD
                                                           BOX 1209
                                                           ASHCROFT BC
                                                           V0K1A0

      Hat Creek                      WR92.I.063        X     N   REDIVERSION AT AS 362 - OREGON JACK CR -02E                 02B ASH - BONAPARTE
         Oregon Jack Creek           WR92.I.063        AA    Y   REDIVERSION FROM D 326 HAT CR - ASH/BON 02B

1883/06/01 F007735 0241270 234.2 AC OF L 17 & 18 LYTTON    COOKS FERRY INDIAN BAND         DOM        3,000.00 GD Jan 01 Dec 31 SUPPLEMENTARY TO F 7734 & F 7736 OREGON
                           & L 375 KDYD                    981-694-7222                    IRR          703.00 AF Apr 01 Sep 30 JACK CR
                                                           BOX 130                                                              STOR AT F 9966 HAT CR
                                                           SPENCES BRIDGE BC
                                                           V0K2L0

      Hat Creek                      WR92.I.063        X     N   REDIVERSION AT B C & Y 361 - OREGON JACKCR - 02E            02B ASH - BONAPARTE
         Oregon Jack Creek           WR92.I.064        Q     Y   REDIVERSION FROM D 326 HAT CR-ASH/BON   02B
         Oregon Jack Creek           WR92.I.064        R     Y   REDIVERSION FROM D 326 HAT CR - ASH/BON 02B
         Oregon Jack Creek           WR92.I.064        P     Y   REDIVERSION FROM D 326 HAT CR - ASH/BON 02B
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Stream Register Report                              Water Licence Information System                                  DATE: 1996/01/10
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Priority   Licence File    Appurtenancy              Licensee                 PUC      Quantity/Units  Term  Term  Licence Comments      Process Status
YYYY/MM/DD Number  Number                                                                             Start End

      Source                       WR Map            POD   RED POD Comments                                      Prec
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1888/09/26 F009825 0241011 55.6 AC OF IR #2 LOWER HAT CR   BONAPARTE INDIAN BAND    DOM       1,500.00 GD Jan 01 Dec 31
                       LILLOOET DIST                       981-686-7164             IRR         168.00 AF Apr 01 Sep 30
                                                           BOX 669
                                                           CACHE CREEK BC
                                                           V0K1H0

      Hat Creek                    WR92.I.083          BB    N                                              02B ASH - BONAPARTE
        Hat Creek                  WR92.I.083          U     N
        Hat Creek                  WR92.I.083          AA    N
        Hat Creek                  WR92.I.083          Z     N
        Hat Creek                  WR92.I.083          Y     N
        Hat Creek                  WR92.I.083          X     N
        Hat Creek                  WR92.I.083          W     N
        Hat Creek                  WR92.I.083          V     N

1888/09/26 F010210 0241010 116.3 AC OF IR #1 UPPER HAT CR  BONAPARTE INDIAN BAND    DOM       1,500.00 GD Jan 01 Dec 31
                       LILLOOET DIST                       981-686-7163             IRR         350.00 AF Apr 01 Sep 30
                                                           BOX 669
                                                           CACHE CREEK BC
                                                           V0K1H0

      Hat Creek                    WR92.I.083          H     N                                              02B ASH - BONAPARTE
        Hat Creek                  WR92I/13E(a)        J     N
        Hat Creek                  WR92.I.083          D     N
        Hat Creek                  WR92.I.083          E     N
        Hat Creek                  WR92.I.083          F     N
        Hat Creek                  WR92.I.083          G     N
        Hat Creek                  WR92.I.083          J     N
        Hat Creek                  WR92.I.083          K     N
        Hat Creek                  WR92.I.083          L     N
        Hat Creek                  WR92.I.083          M     N
        Two Stream Creek           WR92.I.083          A     N
        Two Stream Creek           WR92.I.083          B     N
        Baines Spring              WR92.I.083          C     N
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Priority   Licence File    Appurtenancy                          Licensee                                  PUC           Quantity/Units   Term   Term   Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                                Start  End

           Source                         WR Map                POD   RED POD Comments                                                          Prec
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1892/05/25 P004324 0036082 180 AC OF N 1/2 OF NW 1/4 OF SEC     BC HYDRO & POWER AUTHORITY                DOM             1,000.00 GD Jan 01 Dec 31 SUPPLEMENTARY TO F 4325 MCDONALD CR
                           7 & SW 1/4 OF SEC 18 TP 20 R 26       PWR SUPPLY BUS. SERVICES                  IRR               360.00 AF Apr 01 Sep 30
                           W6M                                   6911 SOUTHPOINT DR (E08)
                                                                 BURNABY BC
                                                                 V3N4X8

           Hat Creek                      WR92.I.063             C    N                                                                                     02B ASH - BONAPARTE
               Hat Creek                  WR92.I.063             B    N

1894/03/09 P003870 0035712 57.4 AC OF W 1/2 OF NW 1/4 OF         HAVENRIDGE PROPERTY CORP                  DOM             1,000.00 GD Jan 01 Dec 31
                           SEC 20 & W 1/2 OF SW 1/4 OF SEC 29    6470 MCCLEERY ST                          IRR               115.00 AF Apr 01 Sep 30
                           TP 19 R 26 W6M                        VANCOUVER BC
                                                                 V6N1G6

           Hat Creek                      WR92.I.063             R    N                                                                                     02B ASH - BONAPARTE
               Hat Creek                  WR92.I.063             P    N
               Hat Creek                  WR92.I.063             M    N
               Hat Creek                  WR92.I.063             Q    N

1894/03/19 C061093 0241271 84.8 AC OF L 279 LILLOOET DIST        STEVENS WILLIAM A & BARBARA L             IRR               255.00 AF Apr 01 Sep 30
                           LYING E OF HAT CR                     HAT CREEK RD
                                                                 CACHE CREEK BC
                                                                 V0K1H0

           Hat Creek                      WR92.I.083             M    N                                                                                     02B ASH - BONAPARTE

1894/10/09 P004326 0036080 64 AC OF N 1/2 OF NW 1/4 OF SEC       BC HYDRO & POWER AUTHORITY                DOM               500.00 GD Jan 01 Dec 31
                           18 TP 20 R 26 W6M                     PWR SUPPLY BUS. SERVICES                  IRR               128.00 AF Apr 01 Sep 30
                                                                 6911 SOUTHPOINT DR (E08)
                                                                 BURNABY BC
                                                                 V3N4X8

           Hat Creek                      WR92.I.063             B    N                                                                                     02B ASH - BONAPARTE
               Hat Creek                  WR92.I.063             C    N
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Stream Register Report                                                                          Water Licence Information System                                                       DATE: 1996/01/10
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Priority   Licence File    Appurtenancy                          Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                               Start  End

           Source                         WR Map               POD   RED POD Comments                                                                      Prec

1897/02/16 C109968 0241272 85 AC OF L 1072 KDYD                  UPPER HAT RANCH LTD                      DOM                500.00 GD Jan 01 Dec 31
                                                                 4684 FULLER RD                           IRR                171.40 AF Apr 01 Sep 30
                                                                 KELOWNA BC
                                                                 V1Y1Z7

           Hat Creek                      WR92.I.063           MN    N                                                                                     02B ASH - BONAPARTE

1922/11/29 F006162 0044740 11.8 AC OF NW 1/4 OF SEC 19 TP 20     BC HYDRO & POWER AUTHORITY               IRR                 23.60 AF May 01 Jun 30
                           R 26 W6M                              PWR SUPPLY BUS. SERVICES
                                                                 6911 SOUTHPOINT DR (E08)
                                                                 BURNABY BC
                                                                 V3N4X8

           Hat Creek                      WR92.I.073           Q     N                                                                                     02B ASH - BONAPARTE
               Hat Creek                  WR92.I.073           P     N

1929/05/04 F008493 0086288 20.4 AC OF S 1/2 OF NW 1/4 OF         BC HYDRO & POWER AUTHORITY               IRR                 41.00 AF Apr 01 Sep 30
                           SEC 7 TP 20 R 26 W6M                  PWR SUPPLY BUS. SERVICES
                                                                 6911 SOUTHPOINT DR (E08)
                                                                 BURNABY BC
                                                                 V3N4X8

           Hat Creek                      WR92.I.063           B     N                                                                                     02B ASH - BONAPARTE
               Hat Creek                  WR92.I.063           C     N

1931/04/27 F009966 0099468 STOR FOR F 7735 HAT CR                COOKS FERRY INDIAN BAND                  STONP               50.00 AF Oct 01 Jun 15 STOR IN LANGLEY LK
                                                                 981-694-7222
                                                                 BOX 130
                                                                 SPENCES BRIDGE BC
                                                                 V0K2L0

           Hat Creek                      WR92.I.063           X     N                                                                                     02B ASH - BONAPARTE

1951/10/30 C032053 0192000 2 AC OF PARCEL A (DD 282038F) OF      BC HYDRO & POWER AUTHORITY               IRR                   4.00 AF Apr 01 Sep 30
                           SEC 6 TP 21 R 26 W6M                  PWR SUPPLY BUS. SERVICES
                                                                 6911 SOUTHPOINT DR (E08)
                                                                 BURNABY BC
                                                                 V3N4X8

           Hat Creek                      WR92.I.073           C     N                                                                                     02B ASH - BONAPARTE
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Stream Register Report                                  Water Licence Information System                                     DATE: 1996/01/10
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Priority   Licence File   Appurtenancy                  Licensee                      PUC        Quantity/Units  Term   Term  Licence Comments           Process Status
YYYY/MM/DD Number  Number                                                                                        Start  End

           Source                        WR Map         POD   RED POD Comments                                                   Prec
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1961/08/01 C027880 0237847 43 AC OF E 1/2 OF SE 1/4 OF SEC  BC HYDRO & POWER AUTHORITY    IRR           86.00 AF Apr 01 Sep 30
                           6 TP 21 R 26 & LS 3, 7, 9,       PWR SUPPLY BUS. SERVICES
                           10 & 16 OF SEC 31 TP 20 R 26 W6M 6911 SOUTHPOINT DR (EO8)
                                                            BURNABY BC
                                                            V3N4X8

           Hat Creek                     WR92.I.073       F    N                                                              02B ASH - BONAPARTE

1961/08/01 C027881 0237847 12 AC OF E 1/2 OF NE 1/4 OF SEC  BC HYDRO & POWER AUTHORITY    IRR           30.00 AF Apr 01 Sep 30
                           31 TP 20 R 26 W6M                PWR SUPPLY BUS. SERVICES
                                                            6911 SOUTHPOINT DR (EO8)
                                                            BURNABY BC
                                                            V3N4X8

           Hat Creek                     WR92.I.073       F    N                                                              02B ASH - BONAPARTE

1961/08/01 C027882 0237847 20 AC OF E 1/2 OF SE 1/4 OF SEC  BC HYDRO & POWER AUTHORITY    IRR           50.00 AF Apr 01 Sep 30
                           6 TP 21 R 26 W6M                 PWR SUPPLY BUS. SERVICES
                                                            6911 SOUTHPOINT DR (EO8)
                                                            BURNABY BC
                                                            V3N4X8

           Hat Creek                     WR92.I.073       N    N                                                              02B ASH - BONAPARTE

1963/07/19 C031066 0251082 80 AC OF FRAC SW 1/4 OF SEC 35   ASHCROFT RANCH                IRR          240.00 AF Apr 01 Sep 30 STOR AT C 31087 HAT CR
                           TP 19 R 25 W6M & L 14 YALE-LYTTON WICKLOW WEST HOLDINGS LTD
                           WITHIN KDYD EXC TRANS-CAN HWY    BOX 1209
                                                            ASHCROFT BC
                                                            V0K1A0

           Hat Creek                     WR92.I.063       X    N  R.DIVERSION AT A 362 OREGTON JACK CR -  ASH/CORN - 02E   02B ASH - BONAPARTE
              Oregon Jack Creek          WR92.I.063       AA   Y  REDIVERSION FROM D 326 HAT CR - ASH/BON 02B
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Stream Register Report                                                                          Water Licence Information System                                                                       DATE: 1996/01/10
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Priority   Licence File    Appurtenancy                                    Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                                         Start  End

           Source                              WR Map                   POD   RED POD Comments                                                                                  Prec
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1963/07/19 C031087 0251082 STOR FOR C 31066 HAT CR                         ASHCROFT RANCH                           STONP              240.00 AF Oct 01 Jun 15 STOR IN OREGON JACK SWAMP
                                                                           WICKLOW WEST HOLDINGS LTD
                                                                           BOX 1209
                                                                           ASHCROFT BC
                                                                           V0K1A0

           Hat Creek                           WR92.I.063                X     N                                                                                    02B ASH - BONAPARTE
               Oregon Jack Creek               WR92.I.063                Z     N   NO DIVERSION OF WATER AT POD-IS PT OF STFOR WATER ORIGIN D 326 HAT CR-ASH/BON
                                                                                   02B

      ------------ Total of 20 Licences Reported ------------
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Stream Register Report      Water Licence Information System
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    Report Requested By    : DJOLLY
    Date Report Requested  : 1996/01/10 15:02
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                 START POINT       : PD46167 - 332B N
                 END POINT         : S06623 - Nihium Cre \ left of Loon Creek
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Stream Register Report                                                  Water Licence Information System                                          DATE: 1996/01/10
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Priority   Licence File    Appurtenancy                    Licensee                              PUC         Quantity/Units  Term   Term  Licence Comments                 Process Status
YYYY/MM/DD Number  Number                                                                                                    Start  End

           Source                              WR Map          POD   RED POD Comments                                                          Prec
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1914/06/01 F007222 0265415 4.7 AC OF L 3835 LILLOOET DIST      THORNTON N J M & E G                  IRR          12.00 AF Apr 01 Sep 30                                   AND UNDER AMENDMENT
                                                               MURRAY S A
                                                               C/O MRS SYLVIA A MURRAY
                                                               19571 16TH AVE
                                                               SURREY BC
                                                               V4P1N6

           Nihium Creek                        WR332B            B     N                                                                       02B ASH - BONAPARTE

1931/10/22 F007172 0035499 19.5 AC OF L 3836 LILLOOET DIST     SANDS GORDON EF                       IRR          49.00 AF Apr 01 Sep 30
                                                               BOX 184
                                                               ASHCROFT BC
                                                               V0K1H0

           Nihium Creek                        WR332B            A     N                                                                       02B ASH - BONAPARTE

1945/08/29 C016789 0157279 50 AC OF L 3836 LILLOOET DIST       SANDS GORDON EF                       IRR         100.00 AF Apr 01 Sep 30
                                                               BOX 184
                                                               ASHCROFT BC
                                                               V0K1H0

           Nihium Creek                        WR332B            A     N                                                                       02B ASH - BONAPARTE

1945/08/29 C016790 0157278 50 AC OF SE 1/4 OF L 3004           HENDRICKS NORMAN                      IRR         100.00 AF Apr 01 Sep 30
                           LILLOOET DIST                       RR 1
                                                               CACHE CREEK BC
                                                               V0K1H0

           Nihium Creek                        WR332B            A     N                                                                       02B ASH - BONAPARTE

1956/09/14 C024253 0213481 40 AC OF IR #4 LOON LK LILLOOET     BONAPARTE INDIAN BAND                 IRR          80.00 AF Apr 01 Sep 30
                           DIST                                981-686-7166
                                                               BOX 669
                                                               CACHE CREEK BC
                                                               V0K1H0

           Nihium Creek                        WR332B            G     N                                                                       02B ASH - BONAPARTE
```

```
Stream Register Report                                   Water Licence Information System                                   DATE: 1996/01/10
                                                                                                                            TIME: 15:02
                                                                                                                            PAGE: 002

Priority   Licence File   Appurtenancy                  Licensee                         PUC        Quantity/Units  Term  Term  Licence Comments        Process Status
YYYY/MM/DD Number  Number                                                                                           Start End

           Source                        WR Map           POD  RED POD Comments                                                   Prec
------------------------------------------------------------------------------------------------------------------------------------------------------
1962/09/27 F017992 0246320 L 7368 LILLOOET DIST         EVERGREEN FISHING RESORT LTD     WWKOT        2,500.00 GD Jan 01 Dec 31
                                                        RR 1
                                                        CACHE CREEK BC
                                                        V0K1H0

           Hihium Creek                  WR332B            N     N                                                                02B ASH - BONAPARTE

    ------------ Total of 6 Licences Reported ------------
```

```
Stream Register Report      Water Licence Information System
________________________________________________________________

    Report Requested By    : DJOLLY
    Date Report Requested : 1996/01/23 12:00
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                   START POINT       : PD65356 - 92.I.073 V
                   END POINT         : S06517 - McLean Lake on Cornwall Creek
```

```
Stream Register Report                                     Water Licence Information System                                   DATE: 1996/01/23
                                                                                                                              TIME: 12:08
                                                                                                                              PAGE: 001

Priority   Licence File    Appurtenancy                    Licensee                    PUC          Quantity/Units  Term   Term  Licence Comments           Process Status
YYYY/MM/DD Number  Number                                                                                           Start  End

         Source                        WR Map             POD   RED POD Comments                                              Prec
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
1992/02/19 Z104233 3002121 IR #3                           BONAPARTE INDIAN BAND       HATCH               0.50 CS Jan 01 Dec 31                            APP APPLIC-CLEARED
                                                           981-686-7168                IRR             1,920.00 AF Apr 01 Sep 30
                                                           BOX 669                     STONP           1,920.00 AF Jan 01 Dec 31
                                                           CACHE CREEK BC
                                                           V0K1N0

         McLean Lake                   WR92.I.073           V     N   THIS POD IS FOR IRR & IND PURPOSE.                          02E ASH - CORNWALL
            Cornwall Creek             WR92.I.073           S     N   THIS POD IS FOR THE STORAGE PURPOSE

    ------------ Total of 1 Licence Reported ------------
```

```
Stream Register Report      Water Licence Information System
________________________________________________________________

    Report Requested By   : DJOLLY
    Date Report Requested : 1996/01/10 15:00
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                 START POINT      : PD66507 - 92.I.084 Z
                 END POINT        : S06564 - Perry Creek left of Bonaparte River
```

```
Stream Register Report                                                                          Water Licence Information System                                                       DATE: 1996/01/10
                                                                                                                                                                                       TIME: 15:00
                                                                                                                                                                                       PAGE: 001

Priority   Licence File    Appurtenancy                          Licensee                                  PUC           Quantity/Units  Term   Term  Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                                Start  End

           Source                          WR Map          POD   RED POD Comments                                                                      Prec

1963/02/14 C068633 0248249 THAT PART OF BONAPARTE IR 3A, LYING N BONAPARTE INDIAN BAND                     PONDS           0.01 CS Apr 01 Sep 30
                           ORTH & EAST OF BONAPARTE IR 3, KDYD   981-686-7165                              IRR            63.60 AF Apr 01 Sep 30
                                                                 BOX 669
                                                                 CACHE CREEK BC
                                                                 V0K1N0

           Perry Creek                     WR92.I.084            I     N                                                                                   02B ASH - BONAPARTE

1991/02/18 Z103622 3001907 IR #3A BONAPARTE                      BONAPARTE INDIAN BAND                     HATCH         500.00 CS Jan 01 Dec 31 QUANTITY REQUIRES CONVERSION - APPLICATI APP APPLIC-CLEARED
                                                                 981-686-7165                                                                 ON STATES 720 000 GPD
                                                                 BOX 669
                                                                 CACHE CREEK BC
                                                                 V0K1N0

           Perry Creek                     WR92.I.084            D     N                                                                                   02B ASH - BONAPARTE

      ------------ Total of 2 Licences Reported ------------
```

```
Stream Register Report      Water Licence Information System
________________________________________________________________

    Report Requested By   : DJOLLY
    Date Report Requested : 1996/01/10 15:01
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                 START POINT      : PD66199 - 92.I.084 W
                 END POINT        : S06569 - Settlement Brook right of Bonaparte River
```

```
                                                                                                                                                                                                       DATE: 1996/01/10
Stream Register Report                                                                          Water Licence Information System                                                                       TIME: 15:01
                                                                                                                                                                                                       PAGE: 001

Priority   Licence File    Appurtenancy                         Licensee                                 PUC           Quantity/Units   Term   Term  Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                               Start  End

           Source                              WR Map               POD   RED POD Comments                                                                          Prec
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1958/02/07 F018120 0219261 INDIAN RESERVE NO 3 (BONAPARTE) EXCEP BONAPARTE INDIAN BAND                   IRR                  11.40 AF Apr 01 Sep 30
                           T CARIBOO HWY PLAN H77                981-686-7165
                           KDYD                                  BOX 669
                                                                 CACHE CREEK BC
                                                                 V0K1H0

           Settlement Brook                    WR92.I.084            X     N                                                                                    02B ASH - BONAPARTE
               Settlement Brook                WR92.I.084            W     N

      ------------ Total of 1 Licence Reported ------------
```

```
Stream Register Report      Water Licence Information System
________________________________________________________________

    Report Requested By   : DJOLLY
    Date Report Requested : 1996/01/23 08:14
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                START POINT      : PD46492 - 92.I.083 A
                END POINT        : S06967 - Two Stream Creek left of Hat Creek
```

```
Stream Register Report                                   Water Licence Information System                                            DATE: 1996/01/23
                                                                                                                                     TIME: 08:14
                                                                                                                                     PAGE: 001

Priority   Licence File    Appurtenancy                  Licensee                   PUC          Quantity/Units  Term   Term  Licence Comments                  Process Status
YYYY/MM/DD Number  Number                                                                                        Start  End

          Source                         WR Map           POD   RED POD Comments                                                 Prec
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
1888/09/26 F010210 0241010 116.3 AC OF IR 01 UPPER HAT CR    BONAPARTE INDIAN BAND      DOM          1,500.00 GD Jan 01 Dec 31
                           LILLOOET DIST                     981-686-7163               IRR            350.00 AF Apr 01 Sep 30
                                                             BOX 669
                                                             CACHE CREEK BC
                                                             V0K1N0

          Two Stream Creek               WR92.I.083        B     N                                                              02B ASH - BONAPARTE
            Hat Creek                    WR92I/13E(a)      J     N
            Hat Creek                    WR92.I.083        D     N
            Hat Creek                    WR92.I.083        E     N
            Hat Creek                    WR92.I.083        F     N
            Hat Creek                    WR92.I.083        G     N
            Hat Creek                    WR92.I.083        H     N
            Hat Creek                    WR92.I.083        J     N
            Hat Creek                    WR92.I.083        K     N
            Hat Creek                    WR92.I.083        L     N
            Hat Creek                    WR92.I.083        M     N
            Two Stream Creek             WR92.I.083        A     N
            Baines Spring                WR92.I.083        C     N

      ------------ Total of 1 Licence Reported ------------
```

BOLEAN CREEK NEAR THE MOUTH - STATION NO. 08LE094

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)
1974	---	---	---	---
5	---	10.2 ON JUN 03	0.127 ON AUG 18	36 600
6	---	8.07 ON MAY 09	0.144 ON MAR 05	45 200
7	---	6.12 ON APR 26	0.065E ON AUG 20	22 700
1978	---	8.35 ON MAY 21	0.085 ON AUG 10	36 600
1979	---	5.66 ON MAY 04	0.028 ON AUG 13 *	17 700
1980	---	4.67 ON MAY 06	0.105B ON JAN 31	23 700
1981	---	5.97 ON MAY 01	0.085 ON AUG 19	35 700
1982	---	11.7 ON MAY 25 *	0.080R ON SEP 02	38 800
1983	---	8.85R ON MAY 24	0.140 ON AUG 22	43 900
1984	---	11.1 ON JUN 09	0.155E ON OCT 07	40 200
1986	---	8.40 ON MAY 27	0.173 ON AUG 29	31 400
				33 900

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

BONAPARTE RIVER ABOVE CLINTON CREEK - STATION NO. 08LF065

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1968	---	---	---	---	---	30.7	5.03	2.34	1.81	1.35	1.57	1.16	---
1969	1.03	1.51	1.75	6.32	62.8	10.0	40.0	6.10	2.97	2.84	3.74	2.72	12.0
1970	2.07	2.61	2.51	5.03	6.79	5.44	2.53	1.08	0.518	0.334	0.318	0.244	2.45
1971	0.398	1.50	1.70	6.47	---	---	---	---	---	---	---	---	---
MEAN	1.17	1.87	1.99	5.94	34.8	15.4	15.9	3.17	1.77	1.51	1.88	1.37	7.23

LOCATION - LAT 51 06 50 N DRAINAGE AREA, 3 210 km²
LONG 121 28 25 W REGULATED

BONAPARTE RIVER ABOVE CLINTON CREEK - STATION NO. 08LF065

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1968	---	68.8 ON JUN 02	---	---	1968
1969	---	90.0 ON MAY 05 *	0.906B ON JAN 24	377 000	1969
1970	---	9.34 ON MAY 12	0.130 ON NOV 04 *	77 300	1970
1971	---	---	0.297B ON JAN 01	---	1971
				227 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BONAPARTE RIVER ABOVE LOON CREEK - STATION NO. 08LF066

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	14.5	5.68	2.65	2.23	1.89	1.62	---	---	1968
1969	1.83	2.28	2.39	6.97	21.6	8.57	23.7	6.31	3.50	3.38	3.57	3.12	7.33	1969
1970	2.60	2.80	3.18	5.28	6.58	5.32	2.65	1.14	0.758	0.559	0.506	0.525	2.65	1970
1971	0.551	1.32	1.44	4.39	22.2	---	---	---	---	---	---	---	---	1971
1983	2.79	2.70	3.97	7.38	12.4	6.97	5.47	2.85	1.88	1.47	1.08	0.788	4.16	1983
1984	1.10	1.71	2.72	4.71	6.82	15.0	7.52	2.68	1.57	1.08	0.919	0.945	3.90	1984
1985	1.53	1.70	2.00	6.37	13.3	15.9	5.38	2.42	1.74	1.19	0.855	0.826	4.43	1985
1986	1.12	1.22	2.25	2.70	4.63	5.12	4.30	2.77	1.00	0.796	0.781	0.743	2.29	1986
1987	0.856	1.34	2.23	2.81	4.63	2.93	1.12	0.573	0.292	0.297	0.407	0.303	1.48	1987
1988	0.210	0.298	0.586	1.92	3.68	2.78	1.47	0.726	0.517	0.757	0.632	0.486	1.17	1988
1989	0.656	0.708	1.16	2.36	6.83	5.77	3.77	4.37	4.13	1.67	1.75	2.22	2.96	1989
1990	2.72	2.55	2.65	9.78	20.4	35.8	23.0	5.85	2.81	1.87	1.73	1.72	9.26	1990
MEAN	1.45	1.69	2.23	4.97	11.2	10.8	7.64	2.94	1.86	1.36	1.26	1.17	3.96	MEAN

LOCATION - LAT 51 02 09 N DRAINAGE AREA, 3 520 km²
LONG 121 26 29 W REGULATED

BONAPARTE RIVER ABOVE LOON CREEK - STATION NO. 08LF066

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	21.5 ON JUN 01	---	---	1968
1969	---	57.2 ON JUL 08	1.56 B ON JAN 01	231 000	1969
70	---	8.27 ON MAY 09	0.351 ON OCT 20	83 700	1970
71	---	---	0.436B ON JAN 12	---	1971
1983	---	17.7 ON APR 29	0.700B ON DEC 23	131 000	1983
1984	---	21.6 ON JUN 16	0.650B ON NOV 01	123 000	1984
1985	22.6 AT 11:05 PST ON JUN 11	22.4 ON JUN 11	0.450B ON NOV 28	140 000	1985
1986	6.28 AT 08:44 PST ON JUN 08	6.11 ON JUN 08	0.500B ON NOV 11	72 300	1986
1987	5.38 AT 07:20 PST ON MAY 25	5.30 ON MAY 25	0.200B ON DEC 31	46 700	1987
1988	4.02 AT 07:51 PST ON MAY 17	3.92 ON MAY 17	0.191B ON JAN 05 *	37 100	1988
1989	10.1 AT 04:53 PST ON MAY 28	10.0 ON MAY 28	0.380B ON FEB 02	93 400	1989
1990	71.6 E AT 17:45 PST ON JUN 14 *	70.6 ON JUN 15 *	1.41 B ON DEC 21	292 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		125 000	MEAN

BONAPARTE RIVER BELOW BONAPARTE LAKE - STATION NO. 08LF097

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1990	---	---	---	---	8.46	12.9	6.80	2.91	1.43	0.671	0.511	---	---	1990
MEAN	---	---	---	---	8.46	12.9	6.80	2.91	1.43	0.671	0.511	---	---	MEAN

LOCATION - LAT 51 16 52 N
LONG 120 40 41 W

DRAINAGE AREA, 325 km²
REGULATED SINCE 1990

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

BONAPARTE RIVER BELOW BONAPARTE LAKE - STATION NO. 08LF097

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1990	---	19.9 ON JUN 15 *	---	---	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

BONAPARTE RIVER BELOW CACHE CREEK - STATION NO. 08LF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	---	---	---	4.77	1.73	1.44	1.41	---	---	---	1911
1912	---	---	---	5.01	19.0	9.55	7.01	4.74	3.89	2.98	2.65	---	---	1912
1913	---	---	---	11.6	15.7	13.8	11.3	5.20	2.95	3.01	2.82	2.43	---	1913
1914	2.34	1.46	3.74	12.8	32.6	16.7	8.37	3.24	2.48	2.21	2.57	---	---	1914
1915	---	---	3.98	4.92	10.8	11.8	16.9	9.58	4.70	3.60	3.36	---	---	1915
1916	---	2.05	3.27	6.15	15.6	26.3	18.1	8.73	3.75	2.90	2.70	1.97	---	1916
1917	---	---	---	4.07	20.9	29.4	14.2	4.43	2.42	2.44	2.66	---	---	1917
1918	---	---	---	6.66	15.4	13.4	5.45	5.61	2.59	1.60	1.56	1.16	---	1918
1919	---	---	---	2.39	3.63	3.75	2.44	1.44	1.13	2.32	---	---	---	1919
1920	---	---	---	2.65	7.69	5.96	4.67	2.39	2.32	2.39	1.73	---	---	1920
1921	---	---	---	2.36	9.94	12.4	3.48	1.37	1.52	---	---	---	---	1921
1972	---	---	---	---	32.6	33.3	12.7	4.56	3.08	2.83	2.48	1.50	---	1972
1973	1.76	2.19	2.57	4.27	8.52	6.97	3.00	1.46	1.07	1.15	1.21	1.30	2.96	1973
1974	1.31	1.38	2.46	4.45	16.7	24.9	9.79	3.98	2.20	1.60	1.58	1.34	5.98	1974
1975	1.08	1.43	2.17	3.29	17.0	26.3	---	---	---	---	---	---	---	1975
1976	2.45	2.67	2.82	5.93	23.9	13.8	8.48	9.55	9.56	5.35	3.77	2.56	7.59	1976
1977	2.70	3.21	3.05	8.53	20.2	9.78	4.98	3.03	2.63	2.35	1.90	2.19	5.39	1977
1978	2.26	2.35	3.42	11.9	35.7	26.3	7.59	3.61	3.38	2.47	2.33	2.15	8.65	1978
1979	1.44	1.96	3.08	4.34	12.8	8.37	4.02	1.82	1.25	1.24	1.03	1.06	3.54	1979
1980	1.07	1.27	1.16	1.64	2.15	13.6	11.6	5.98	4.54	2.80	2.15	2.64	4.22	1980
1981	3.16	3.12	3.47	4.31	13.0	14.5	10.5	5.82	2.78	2.54	2.22	1.57	5.60	1981
1982	1.77	2.13	2.96	3.35	16.2	14.5	24.8	16.0	9.33	8.39	4.13	2.45	8.91	1982
1983	3.63	3.80	4.83	7.58	14.0	9.06	7.21	3.33	2.64	2.06	2.05	0.978	5.10	1983
1984	1.68	2.41	3.54	5.48	7.42	18.5	8.19	3.01	1.79	1.45	1.34	1.16	4.66	1984
1985	1.96	2.33	2.44	7.32	17.2	23.2	6.26	2.56	2.28	1.73	1.11	1.10	5.79	1985
1986	1.46	1.57	3.46	3.68	6.24	6.86	5.09	3.07	1.42	1.33	1.16	1.17	3.05	1986
1987	1.13	1.75	2.97	3.38	5.70	3.71	1.24	0.548	0.267	0.502	0.726	0.623	1.88	1987
1988	0.452	0.596	0.922	2.09	3.80	3.06	1.37	0.640	0.491	0.991	0.919	0.714	1.34	1988
1989	1.06	1.14	1.74	2.88	7.87	7.61	3.94	4.45	4.83	2.62	2.30	2.74	3.61	1989
1990	2.94	2.81	3.29	10.5	26.1	49.0	30.0	8.05	3.55	2.71	2.85	2.63	12.1	1990
MEAN	1.88	2.08	2.92	5.48	15.1	15.7	8.88	4.41	2.98	2.46	2.13	1.69	5.32	MEAN

LOCATION - LAT 50 48 20 N
LONG 121 19 29 W

DRAINAGE AREA, 5 020 km²
REGULATED

BONAPARTE RIVER NEAR BRIDGE LAKE - STATION NO. 08LF062

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
[illegible]	---	---	---	---	1960
1961	---	14.2 ON MAY 28	0.125 ON NOV 22	76 000	1961
[illegible]	---	18.0 ON MAY 30	0.085B ON DEC 23	130 000	1962
[illegible]	---	7.05 ON MAY 02	0.088 ON NOV 02	76 300	1963
1964	---	9.85 ON JUN 19	0.912 ON APR 24	69 300	1964
1965	---	8.72 ON JUN 05	0.510B ON DEC 27	83 100	1965
1966	---	8.78 ON JUL 26	0.317B ON DEC 08	78 800	1966
1967	---	16.0 ON MAY 26	0.057B ON DEC 17 *	75 800	1967
1968	---	18.6 ON MAY 30	0.085B ON JAN 30	84 100	1968
1969	---	22.1 ON JUL 06	1.05 B ON MAR 07	156 000	1969
1970	---	5.35E ON JUN 03	0.071 ON NOV 05	47 400	1970
1971	---	19.6 ON MAY 25	0.093 ON OCT 30	137 000	1971
1972	---	19.0 ON MAY 27	0.326B ON DEC 10	119 000	1972
1973	---	5.97 ON JUN 03	0.150 ON OCT 22	42 600	1973
1974	---	15.7 ON JUN 08	0.062 ON NOV 20	90 900	1974
1975	---	18.0 ON JUN 06	0.116B ON JAN 08	93 800	1975
1976	---	15.0 ON MAY 11	0.878B ON JAN 16	143 000	1976
1977	---	10.9 ON MAY 25	0.153B ON NOV 21	80 100	1977
1978	---	13.1 ON MAY 22	0.255B ON NOV 20	95 500	1978
1979	---	10.0 ON MAY 25	0.068B ON DEC 13	63 400	1979
1980	---	13.0 E ON JUN 02	0.065B ON JAN 10	78 900	1980
1981	---	8.56 ON JUN 24	0.680B ON DEC 13	83 000	1981
1982	---	21.8 ON JUL 08	0.821B ON JAN 02	184 000	1982
1983	---	10.6 ON APR 26	0.330B ON DEC 23	86 000	1983
1984	---	18.8 ON JUN 10	0.190B ON OCT 26	87 900	1984
1985	---	22.0 E ON JUN 08	0.215B ON NOV 28	100 000	1985
1986	---	5.95 ON JUN 04	0.138 ON OCT 23	46 000	1986
1987	---	4.63 ON MAY 02	0.058E ON DEC 17	31 900	1987
1988	---	4.84 ON APR 18	0.060B ON JAN 01	31 100	1988
1989	---	10.4 A ON MAY 19	0.310B ON FEB 03	79 900	1989
1990	54.4 AT 13:45 PST ON JUN 13 *	49.0 ON JUN 13 *	0.470B ON DEC 17	195 000	1990
				91 500	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BONAPARTE RIVER NEAR CACHE CREEK - STATION NO. 08LF060

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	3.27	1.96	1.77	---	1960
1961	1.98	2.14	2.91	7.73	15.0	11.9	4.28	2.37	1.78	1.58	1.18	1.15	4.51	1961
1962	1.51	1.83	1.85	7.15	17.8	23.1	16.9	11.0	7.75	4.39	3.75	2.81	8.36	1962
[illegible]	2.95	4.42	3.74	7.39	9.72	8.56	6.42	3.49	3.09	1.96	1.75	1.80	4.60	1963
	1.57	1.91	1.99	3.38	5.96	13.9	9.61	4.16	4.54	3.70	2.85	---	---	1964
1965	---	---	---	---	---	11.3	6.33	4.73	4.48	2.82	2.39	2.31	---	1965
1966	1.98	2.64	2.99	6.50	9.06	9.41	9.92	7.73	4.03	2.98	2.51	2.27	5.19	1966
1967	2.35	2.59	2.83	3.93	15.9	13.2	5.08	1.60	0.595	0.770	1.03	0.731	4.23	1967
1968	1.08	1.16	1.90	2.12	8.57	15.8	5.91	2.88	2.55	2.28	2.02	1.98	4.02	1968
1969	2.30	2.31	2.91	6.84	23.0	10.6	19.2	7.45	4.21	4.01	4.30	3.66	7.62	1969
1970	3.35	3.53	3.29	4.08	6.21	5.56	2.92	1.32	0.981	0.964	0.922	0.926	2.83	1970
1971	1.17	2.50	2.59	5.21	22.0	23.5	11.0	2.77	1.36	1.16	1.11	1.01	6.30	1971
1972	1.25	1.37	2.96	3.75	17.6	20.9	10.4	3.83	2.75	2.05	1.88	1.12	5.83	1972
1973	1.52	2.05	2.11	4.02	6.26	4.86	3.00	1.53	1.12	1.08	0.978	0.767	2.44	1973
1974	0.746	1.37	2.25	4.37	14.4	15.4	6.64	3.34	2.13	1.30	1.18	1.09	4.53	1974
MEAN	1.83	2.29	2.64	5.11	13.2	13.4	8.40	4.16	2.95	2.29	1.99	1.67	5.04	MEAN

LOCATION - LAT 50 54 57 N
LONG 121 24 41 W
DRAINAGE AREA, 4 090 km²
REGULATED

BONAPARTE RIVER NEAR CACHE CREEK - STATION NO. 08LF060

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1960	---	---	---	---	1960
1961	---	17.4 ON JUN 02	0.651 ON DEC 18	142 000	1961
1962	---	28.6 ON MAY 28 *	0.193 ON DEC 24 *	264 000	1962
1963	---	11.0 ON JUN 06	1.48 ON JAN 11	145 000	1963
1964	---	21.5 ON JUN 20	---	---	1964
1965	---	---	---	---	1965
1966	---	14.0 ON JUL 29	0.892 ON DEC 08	164 000	1966
1967	---	22.7 ON MAY 12	0.399B ON DEC 18	133 000	1967
1968	---	22.0 ON JUN 02	0.665B ON JAN 29	127 000	1968
1969	---	28.1 ON MAY 06	2.04 B ON JAN 01	240 000	1969
1970	---	7.19 ON MAY 13	0.787 ON DEC 20	89 300	1970
1971	---	27.5 ON JUN 17	0.617 ON JAN 09	199 000	1971
1972	---	25.6 ON MAY 27	1.02 B ON DEC 10	184 000	1972
1973	---	6.94 ON MAY 08	0.609 ON DEC 31	77 000	1973
1974	---	18.3 ON JUN 07	0.566 ON JAN 10	143 000	1974
				159 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HASLAM CREEK NEAR CASSIDY - STATION NO. 08HB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	0.085E ON AUG 17 *	---	1914
915	---	18.7 ON APR 03	0.113 ON JUL 23	---	1915
949	---	37.7 ON NOV 26	0.176 ON SEP 08	---	1949
1950	---	22.7E ON NOV 27	0.133 ON SEP 12	159 000	1950
1951	---	29.7E ON JAN 25	0.113 ON SEP 19	124 000	1951
1952	---	24.6 ON JAN 30	0.294 ON AUG 19	106 000	1952
1953	52.4 AT 06:00 PST ON JAN 09	33.4 ON JAN 09	0.235E ON SEP 14	152 000	1953
1954	---	62.6E ON NOV 19	0.283 ON AUG 11	184 000	1954
1955	---	65.1E ON NOV 04 *	0.368 ON SEP 04	118 000	1955
1956	---	26.1E ON DEC 09	0.156 ON AUG 22	---	1956
1957	48.7 AT 16:00 PST ON FEB 26	35.7 ON FEB 26	0.244E ON JUL 07	---	1957
1958	58.9 AT 22:00 PST ON DEC 01	44.5 ON DEC 01	0.164 ON AUG 24	---	1958
1959	---	---	0.176 ON AUG 16	---	1959
1960	64.6 AT 17:00 PST ON JAN 29 *	45.0 ON JAN 29	0.292 ON SEP 16	125 000	1960
1961	63.1 AT 20:00 PST ON JAN 15	56.4E ON JAN 10	0.102 ON AUG 22	---	1961
1962	---	---	---	---	1962
				138 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HAT CREEK - HAMMOND DIVERSION TO OREGON JACK CREEK - STATION NO. 08LF014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1912	---	---	---	---	---	0.265	0.282	0.118	---	---	---	---	---	1912
1913	---	---	---	---	0.044	0.316	0.245	0.149	0.093	---	---	---	---	1913
1916	---	---	---	0	0.090	0.323	0.247	0	0	---	---	---	---	1916
1917	---	---	---	---	0.151	0.293	0.173	0.078	0	---	---	---	---	1917
1918	---	---	---	---	0.318	0.295	0.096	0.081	0.038	---	---	---	---	1918
1919	---	---	---	---	0.297	0.319	0.136	0.038	---	---	---	---	---	1919
1920	---	---	---	0	0.236	0.353	0.194	0.026	0	---	---	---	---	1920
1921	---	---	---	0	0.088	0.384	0.231	0.075	0.036	---	---	---	---	1921
1922	---	---	---	---	0.307	0.421	0.084	0.048	0.015	---	---	---	---	1922
MEAN	---	---	---	0	0.191	0.330	0.188	0.068	0.026	---	---	---	---	MEAN

LOCATION - LAT 50 37 15 N
LONG 121 34 10 W NATURAL FLOW

HAT CREEK - HAMMOND DIVERSION TO OREGON JACK CREEK - STATION NO. 08LF014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

EAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1912	---	0.396 ON JUL 07	0 ON AUG 22 *	---	1912
1913	---	0.405 ON JUN 03	0 ON MAY 01	---	1913
1916	---	0.425 ON MAY 29	0 ON APR 01	---	1916
1917	---	0.396 ON JUN 29	0 ON MAY 01	---	1917
1918	---	0.425 ON MAY 14	0.028 ON SEP 11	---	1918
1919	---	0.340 ON MAY 15	0.028 ON AUG 12	---	1919
1920	---	0.394 ON JUN 15	0 ON APR 01	---	1920
1921	---	0.510 ON MAY 30	0 ON APR 01	---	1921
1922	---	0.561 ON MAY 16 *	0 ON MAY 01	---	1922
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HAT CREEK ABOVE ANDERSON CREEK - STATION NO. 08LF092

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	1.24	0.860	0.284	0.169	0.269	0.170	0.145	---	1982
1983	0.145	0.131	0.146	0.212	0.926	0.779	0.448	0.116	0.190	0.234	0.217	0.093	0.304	1983
1984	0.117	0.142	0.183	0.201	0.280	1.37	0.334	0.127	0.155	0.178	0.132	0.084	0.273	1984
MEAN	0.131	0.137	0.165	0.207	0.603	1.13	0.547	0.176	0.171	0.227	0.173	0.107	0.289	MEAN

LOCATION - LAT 50 43 36 N
LONG 121 35 58 W REGULATED

HAT CREEK ABOVE ANDERSON CREEK - STATION NO. 08LF092

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	---	1.80E ON JUN 04	---	---	1982
1983	2.95 AT 08:21 PST ON MAY 30 *	2.67 ON MAY 30	0.060B ON DEC 25	9 590	1983
1984	2.95 AT 08:15 PST ON JUN 15	2.74 ON JUN 15 *	0.040B ON DEC 27 *	8 650	1984
				9 120	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HAT CREEK ABOVE HARRY CREEK - STATION NO. 08LF090

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	0.421	0.262	0.371	0.234	0.247	---	1982
1983	0.245	0.217	0.290	0.366	1.64	1.14	0.763	0.156	0.291	0.378	0.337	0.142	0.499	1983
1984	0.134	0.173	0.247	0.288	0.422	2.37	0.458	0.113	0.129	0.191	0.179	0.151	0.403	19
MEAN	0.190	0.195	0.269	0.327	1.03	1.76	0.611	0.230	0.227	0.313	0.250	0.180	0.451	M

LOCATION - LAT 50 47 56 N
LONG 121 36 18 W . REGULATED

HAT CREEK ABOVE HARRY CREEK - STATION NO. 08LF090

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	---	---	---	---	1982
1983	---	4.02E ON MAY 30	0.070B ON DEC 30	15 700	1983
1984	6.71 AT 05:45 PST ON JUN 15 *	5.71 ON JUN 15 *	0.068 ON AUG 29 *	12 700	1984
				14 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HAT CREEK ABOVE MARBLE CANYON - STATION NO. 08LF034

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	2.18	0.428	0.156	0.258	---	---	---	---	1921
1923	---	---	---	---	0.222	0.791	0.345	0.114	0.116	---	---	---	---	1923
1934	---	---	---	---	---	---	0.249	0.102	0.090	0.152	0.153	0.038	---	1934
MEAN	---	---	---	---	0.222	1.49	0.341	0.124	0.155	0.152	0.153	0.038	---	MEAN

LOCATION - LAT 50 47 30 N DRAINAGE AREA, 430 km²
LONG 121 36 40 W REGULATED

HAT CREEK ABOVE MARBLE CANYON - STATION NO. 08LF034

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1921	---	6.43 ON JUN 05 *	0.028 ON JUL 24	---	1921
1923	---	1.59 ON JUN 25	0.085 ON AUG 03	---	19
1934	---	---	0.014 ON SEP 03 *	---	1934
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HAT CREEK NEAR ASHCROFT - STATION NO. 08LF013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	---	0.587	0.553	0.236	0.119	0.160	0.119	0.082	0.086	---	1911
1912	0.107	0.055	0.052	0.096	0.847	0.382	0.373	0.198	0.135	0.134	---	---	---	1912
1913	---	---	---	---	0.721	0.654	0.398	0.204	0.132	0.125	0.096	0.084	---	1913
1914	---	---	---	0.270	1.32	0.959	0.314	0.095	0.091	0.095	0.086	---	---	1914
1915	---	---	---	0.517	1.03	0.632	0.281	0.168	0.063	---	---	---	---	1915
1916	---	---	---	0.132	1.39	1.97	0.803	0.389	0.179	0.129	---	---	---	1916
1917	---	---	---	0.034	0.516	1.02	0.381	0.149	0.094	---	---	---	---	1917
1918	---	---	---	0.106	0.507	0.511	0.110	0.105	0.060	---	---	---	---	1918
1919	---	---	---	0.075	0.671	0.519	0.154	0.051	0.037	---	---	---	---	1919
1920	---	---	---	0.046	0.366	0.554	0.246	0.053	0.053	---	---	---	---	1920
1921	---	---	---	0.062	1.46	1.95	0.238	0.079	0.053	---	---	---	---	1921
1922	---	---	---	0.055	0.748	0.581	0.144	0.115	0.084	---	---	---	---	1922
MEAN	0.107	0.055	0.052	0.139	0.847	0.857	0.307	0.144	0.095	0.120	0.088	0.085	---	MEAN

LOCATION - LAT 50 36 44 N DRAINAGE AREA, 74.1 km²
LONG 121 34 09 W NATURAL FLOW

HAT CREEK NEAR ASHCROFT - STATION NO. 08LF013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1911	---	1.76 ON MAY 31	0.028 ON AUG 01	---	1911
1912	---	1.84 ON MAY 14	0.045 ON FEB 18	---	1912
1913	---	1.38 ON MAY 26	---	---	1913
1914	---	2.36 ON MAY 14	0.048 ON APR 02	---	1914
1915	---	1.90 ON MAY 19	0.014 ON MAR 13	---	1915
1916	---	2.89 ON JUN 14	0.057E ON APR 01	---	1916
1917	---	1.70 ON MAY 28	0.028E ON APR 01	---	1917
1918	---	1.13 ON JUN 09	0.042 ON SEP 15	---	1918
1919	---	1.25 ON MAY 21	0.028 ON APR 01	---	1919
1920	---	0.736 ON MAY 08	0.034 ON APR 03	---	1920
1921	---	3.79 ON MAY 24 *	0.042 ON AUG 22	---	1921
1922	---	2.12 ON MAY 17	0 ON APR 01 *	---	1922
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

HAT CREEK NEAR CACHE CREEK - STATION NO. 08LF015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	---	---	1.59	0.318	---	---	---	---	---	---	1911
1912	---	---	---	---	3.54	1.24	1.40	---	---	---	---	---	---	1912
1913	---	---	---	---	2.68	3.40	1.73	0.728	0.499	---	---	---	---	1913
1960	---	---	---	---	---	---	---	---	---	0.245	0.283	0.280	---	1960
1961	0.245	0.229	0.437	0.373	1.45	1.63	0.374	0.167	0.151	0.298	0.263	0.233	0.488	1961
1962	0.233	0.321	---	2.05	3.73	3.98	1.08	0.611	0.618	0.677	0.559	---	---	1962
1963	---	---	0.625	0.678	2.39	2.64	0.968	0.372	0.301	0.316	0.315	0.343	---	1963
1964	0.350	0.298	0.410	0.795	1.32	9.62	1.90	0.601	1.02	0.927	0.687	0.491	1.53	1964
1965	0.377	0.456	0.587	1.24	2.27	2.62	0.960	0.597	0.515	0.459	0.426	0.338	0.904	1965
1966	0.277	0.213	0.847	0.833	2.03	2.04	2.30	1.25	0.598	0.666	0.585	0.443	1.01	1966
1967	0.263	0.245	0.295	0.787	2.39	5.14	1.29	0.295	0.152	0.181	0.400	0.486	0.993	1967
1968	0.336	0.300	0.383	0.437	1.69	3.32	1.01	0.494	0.429	0.425	0.420	0.374	0.800	1968
1969	0.270	0.223	0.251	0.641	3.06	1.16	2.11	0.445	0.418	0.445	0.466	0.418	0.832	1969
1970	0.300	0.403	0.422	0.356	0.532	0.723	0.262	0.150	0.146	0.144	0.149	0.190	0.314	1970
1971	0.207	0.224	0.127	0.823	3.35	3.32	0.907	---	---	---	---	---	---	1971
1972	0.271	0.313	0.607	0.391	2.45	5.41	1.43	0.478	0.389	0.431	0.432	0.258	1.07	1972
1973	0.231	0.301	0.353	0.356	1.05	0.618	0.239	0.124	0.161	0.248	0.252	0.242	0.349	1973
1977	---	---	---	---	0.450	0.485	0.229	0.058	0.109	0.207	0.211	0.146	---	1977
1978	0.112	0.190	0.329	1.04	2.91	4.14	1.02	0.668	0.479	0.460	0.367	0.261	0.999	1978
1979	0.207	0.189	0.379	0.466	0.925	0.481	0.202	0.057	0.067	0.184	0.268	0.190	0.302	1979
1980	0.159	0.137	0.216	0.307	0.804	4.07	1.19	0.637	0.660	0.525	0.230	0.554	0.788	1980
1981	0.648	0.711	0.677	0.762	5.04	3.32	1.29	0.571	0.439	0.475	0.356	0.228	1.21	1981
1982	0.242	0.296	0.322	0.374	0.992	2.07	1.56	0.542	0.304	0.464	0.269	0.296	0.646	1982
1983	0.318	0.288	0.338	0.408	1.70	1.34	0.907	0.243	0.376	0.427	0.408	0.218	0.583	1983
1984	0.230	0.297	0.345	0.340	0.488	2.64	0.621	0.158	0.213	0.265	0.229	0.188	0.498	1984
1985	0.197	0.180	0.258	0.356	1.47	1.38	0.222	0.101	0.177	0.248	0.175	0.131	0.408	1985
1986	0.118	0.108	0.349	0.329	0.997	1.17	0.494	0.237	0.200	0.234	0.190	0.236	0.390	1986
1987	0.278	0.250	0.247	0.265	0.917	0.602	0.245	0.117	0.079	0.125	0.151	0.100	0.282	1987
1988	0.070	0.106	0.143	0.246	0.529	0.525	0.178	0.075	0.096	0.192	0.212	0.178	0.212	1988
1989	0.166	0.148	0.328	0.426	1.17	1.22	0.300	0.299	0.376	0.441	0.424	0.214	0.460	1989
1990	0.267	0.247	0.283	0.622	1.92	3.80	2.53	0.551	0.459	0.341	0.338	0.209	0.966	1990
MEAN	0.255	0.267	0.382	0.604	1.87	2.52	0.976	0.394	0.349	0.372	0.336	0.279	0.697	MEAN

LOCATION - LAT 50 53 04 N
LONG 121 25 13 W

DRAINAGE AREA, 658 km²
REGULATED

HAT CREEK NEAR CACHE CREEK - STATION NO. 08LF015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1911	---	4.62 ON JUN 02	---	---	1911
1912	---	6.00 ON MAY 17	---	---	1
1913	---	5.75 ON MAY 27	---	---	1
1960	---	---	---	---	1960
1961	---	4.53 E ON MAY 28	0.110 ON AUG 15	15 400	1961
1962	---	14.0 ON MAY 28	---	---	1962
1963	---	6.03 ON MAY 23	0.218B ON NOV 23	---	1963
1964	---	19.8 ON JUN 12 *	0.255B ON FEB 27	48 200	1964
1965	---	4.36 ON MAY 29	0.266B ON DEC 29	28 500	1965
1966	---	4.79 ON MAR 29	0.201B ON FEB 11	31 900	1966
1967	---	14.4 ON JUN 05	0.082 ON OCT 08	31 300	1967
1968	---	5.07 ON JUN 10	0.269B ON FEB 20	25 300	1968
1969	---	6.68 ON MAY 25	0.204B ON MAR 08	26 200	1969
1970	---	1.12 ON JUN 07	0.142B ON NOV 21	9 890	1970
1971	---	5.69 ON JUN 03	0.119B ON MAR 17	---	1971
1972	---	8.72 ON JUN 01	0.210B ON DEC 19	33 800	1972
1973	---	2.61 ON MAY 20	0.105 ON AUG 01	11 000	1973
1977	0.844 AT 08:17 PST ON APR 27	0.762 ON APR 27	---	---	1977
1978	10.3 AT 12:46 PST ON JUN 05	9.68 ON JUN 05	0.099B ON JAN 03	31 500	1978
1979	1.31 AT 23:55 PST ON MAY 05	1.23 ON MAY 06	0.045E ON AUG 23 *	9 520	1979
1980	7.67 AT 13:10 PST ON JUN 07	7.26 ON JUN 07	0.064 ON NOV 20	24 900	1980
1981	18.0 E ON MAY 21 *	12.8 E ON MAY 21	0.084B ON DEC 08	38 300	1981
1982	3.56 AT 18:46 PST ON JUL 04	3.16 ON JUL 04	0.130B ON NOV 11	20 400	1982
1983	4.76 AT 13:40 PST ON MAY 30	4.22 ON MAY 30	0.130B ON DEC 28	18 400	1983
1984	6.56 AT 12:20 PST ON JUN 15	5.82 ON JUN 15	0.110 ON AUG 24	15 800	1984
1985	6.44 AT 12:45 PST ON MAY 30	5.81 ON MAY 30	0.081 ON AUG 30	12 900	1985
1986	5.23 AT 06:35 PST ON MAY 27	3.97 ON MAY 27	0.100B ON FEB 10	12 300	1986
1987	1.70 AT 13:05 PST ON MAY 12	1.49 ON MAY 12	0.060 ON SEP 24	8 880	1987
1988	1.08 AT 04:18 PST ON MAY 14	1.04 ON MAY 14	0.050 ON JUL 31	6 720	1988
1989	---	2.70 E ON JUN 01	0.086B ON DEC 28	14 500	1989
1990	7.13 AT 14:42 PST ON JUL 07	6.66 ON JUL 07	0.088B ON JAN 03	30 500	1990
				22 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HAT CREEK NEAR CARQUILE - STATION NO. 08LF035

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	---	---	1.61	0.168	---	---	---	---	---	---	1911
MEAN	---	---	---	---	---	1.61	0.168	---	---	---	---	---	---	MEAN

LOCATION - LAT 50 53 05 N
LONG 121 29 55 W

DRAINAGE AREA, 699 km²
NATURAL FLOW

HAT CREEK NEAR CARQUILE - STATION NO. 08LF035

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1911	---	3.68 ON JUN 02 *	0 ON JUL 19 *	---	1911
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HAT CREEK NEAR UPPER HAT CREEK - STATION NO. 08LF061

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	0.186	0.252	0.215	---	1960
1961	0.189	0.165	0.329	0.303	1.54	1.41	0.287	0.118	0.153	0.240	0.225	0.205	0.431	1961
1962	0.197	0.268	---	1.55	2.65	3.00	0.628	0.275	0.270	0.428	0.332	---	---	1962
1963	---	---	0.436	0.494	1.69	1.81	0.675	0.281	0.246	0.262	0.250	0.238	---	1963
1964	0.227	0.216	0.263	0.619	1.19	7.16	1.70	0.496	0.882	0.756	0.552	0.403	1.20	1964
1965	0.308	0.287	0.365	1.32	2.48	2.62	1.24	0.711	0.527	0.359	0.337	0.230	0.901	1965
1966	0.236	0.196	0.646	0.703	1.71	1.84	2.07	0.829	0.340	0.429	0.369	0.293	0.810	1966
1967	0.191	0.166	0.184	0.424	2.57	4.44	0.761	0.228	0.127	0.220	0.295	0.203	0.818	1967
1968	0.178	0.185	0.236	0.287	1.52	2.73	1.08	0.312	0.251	0.284	0.309	0.259	0.635	1968
1969	0.194	0.164	0.192	0.425	3.04	1.53	2.36	0.384	0.319	0.354	0.335	0.291	0.805	1969
1970	0.183	0.168	0.220	0.249	0.513	0.806	0.182	0.098	0.092	0.116	0.124	0.138	0.240	1970
1971	0.162	0.204	0.126	0.361	2.29	2.95	0.932	0.158	0.107	0.186	0.214	0.164	0.655	1971
1972	0.169	0.185	0.371	0.341	2.20	3.99	1.33	0.461	0.319	0.339	0.279	0.208	0.848	1972
1973	0.183	0.210	0.259	0.386	0.805	0.565	0.209	0.091	0.118	0.178	0.175	0.202	0.282	1973
1974	0.180	0.186	0.295	0.464	0.985	4.57	0.951	0.355	0.195	0.203	0.223	0.254	0.736	1974
1975	0.239	0.174	0.186	0.404	1.23	3.05	0.816	0.198	0.243	0.182	0.208	0.188	0.592	1975
1976	0.171	0.124	0.133	0.297	0.862	0.946	0.429	0.634	0.314	0.234	0.249	0.202	0.384	1976
1977	0.096	0.148	0.112	0.253	0.372	0.426	0.143	0.042	0.098	0.232	0.270	0.136	0.194	1977
1978	0.148	0.145	0.285	0.759	1.99	3.29	0.624	0.174	0.315	0.279	0.209	0.162	0.698	1978
1979	0.138	0.139	0.250	0.315	0.726	0.305	0.142	0.068	0.071	0.140	0.177	0.139	0.218	1979
1980	0.118	0.105	0.174	0.256	0.746	5.00	0.822	0.425	0.472	0.405	0.203	0.402	0.757	1980
1981	0.463	0.432	0.532	0.631	4.73	2.65	1.04	0.437	0.326	0.317	0.268	0.177	1.01	1981
1982	0.151	0.171	0.219	0.295	0.733	1.88	1.29	0.446	0.302	0.381	0.218	0.194	0.525	1982
1983	0.191	0.175	0.271	0.346	1.43	1.04	0.632	0.134	0.257	0.349	0.297	0.123	0.439	1983
1984	0.137	0.161	0.227	0.271	0.405	2.22	0.448	0.144	0.160	0.193	0.146	0.114	0.383	1984
MEAN	0.193	0.190	0.274	0.490	1.60	2.51	0.866	0.312	0.271	0.290	0.261	0.214	0.616	MEAN

LOCATION - LAT 50 45 22 N DRAINAGE AREA, 350 km^2
LONG 121 35 18 W REGULATED

HAT CREEK NEAR UPPER HAT CREEK - STATION NO. 08LF061

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	4.90 ON MAY 27	0.062 ON AUG 25	13 600	1961
1962	---	12.1 E ON MAY 26	---	---	1962
1963	---	4.76 ON MAY 23	---	---	1963
1964	---	14.6 ON JUN 11 *	0.190B ON MAR 03	37 900	1964
1965	---	5.52 ON MAY 28	0.212B ON DEC 19	28 400	1965
1966	---	5.89 ON MAR 29	0.088 ON DEC 21	25 500	1966
1967	---	11.3 ON JUN 03	0.076 ON SEP 23	25 800	1967
1968	---	4.47 ON JUN 15	0.156B ON FEB 15	20 100	1968
1969	---	6.60 ON JUL 06	0.150B ON FEB 27	25 400	1969
1970	---	2.86 ON JUN 03	0.057 ON AUG 19	7 580	1970
1971	---	5.61 ON JUN 04	0.068 ON SEP 10	20 700	1971
1972	---	8.55 ON MAY 30	0.153B ON JAN 28	26 800	1972
1973	---	1.59 ON MAY 18	0.028 ON AUG 22	8 890	1973
1974	---	11.6 ON JUN 15	0.136 ON MAR 08	23 200	1974
1975	---	5.47 ON JUN 03	0.127 ON AUG 14	18 700	1975
1976	---	1.47 ON MAY 10	0.085B ON MAR 01	12 100	1976
1977	---	0.985 ON JUN 07	0.027 ON AUG 15 *	6 100	1977
1978	9.63 AT 13:39 PST ON JUN 04	8.64 ON JUN 04	0.085B ON JAN 03	22 000	1978
1979	1.16 AT 03:53 PST ON MAY 23	1.06 ON MAY 05	0.045 ON SEP 01	6 880	1979
1980	10.1 AT 05:00 PST ON JUN 07	9.55 ON JUN 07	0.050B ON NOV 20	23 900	1980
1981	16.8 AT 22:40 PST ON MAY 21 *	12.5 ON MAY 21	0.100B ON DEC 05	31 700	1981
1982	3.65 AT 00:30 PST ON JUL 04	3.18 ON JUL 04	0.140B ON JAN 01	16 500	1982
1983	---	3.70 E ON MAY 30	0.070B ON DEC 28	13 800	1983
1984	6.60 AT 06:10 PST ON JUN 15	5.76 ON JUN 15	0.070B ON JAN 01	12 100	1984
				19 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HATCH CREEK NEAR SPILLIMACHEEN - STATION NO. 08NA048

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	0.045	0.039	---	---	---	---	1946
1947	---	---	---	0.102	0.164	0.136	0.088	0.060	0.043	---	---	---	---	1947
1948	---	---	---	0.056	0.218	0.193	0.108	0.068	0.046	---	---	---	---	1948
1949	---	---	---	---	---	0.049	0.032	0.024	0.021	---	---	---	---	1949
1950	---	---	---	0.035	0.072	0.125	0.076	0.041	0.031	---	---	---	---	1950
MEAN	---	---	---	0.064	0.151	0.126	0.076	0.048	0.036	---	---	---	---	MEAN

LOCATION - LAT 50 58 30 N DRAINAGE AREA, 12.2 km^2
LONG 116 25 40 W NATURAL FLOW

WELL4600 Production

M I N I S T R Y O F E N V I R O N M E N T , L A N D S & P A R K S
Water Rights Information System
Summary Report (with legal descriptions and old coordinates)

Operator Id SPINTO

BCGS Map Area	Well No.	Well Tag No.	Lot No.	Plan No.	Blk No.	TP	SC	RG	D.L.	E	X	Y	Old Well No.	L.D.	Site Address	Date Constructed (dmy)	Well Depth (ft.)	Well Diam. (in.)	Drill Contr No.	Const. Method	Well Yield	Yld. Unt.	Depth to Water (ft.)	Depth to Bedrk (ft.)	Aquif Litho	Screen Interval (ft.)	O.W. Rpt	Chem Lab	Chem Fld	Chem Site No.
092I.083.4.4.4	003	000000046946				22	31	25	93	00	00	00	005	26	JACKSON RANCH	01-01-1981	185.0	6.0	016	UNK			UNK	UNK	UNC					
092I.083.4.4.4	004	000000049722				22	31	35	93	00	00	00	006	26	JACKSON RANCH	16-12-1981	186.0	10.0	016	UNK	1000.0	GPM	8	UNK	UNC	175-185				
092I.084.1.2.1	001	000000002075				21	25	25		00	00	00	001	26		01-01-1940	15.0	0.0	UNK	DUG			6	UNK	UNC					
092I.084.1.2.1	002	000000017164				21	25	25		00	00	00	002	26		01-01-1962	38.0	0.0	UNK	DUG			30	UNK	UNC				Y	
092I.084.1.2.1	003	000000016231				21	25	25		00	00	00	003	26		01-01-1960	8.0	0.0	UNK	DUG			4	UNK	UNC					
092I.084.1.2.1	004	000000004314				21	19	24		00	00	00	002	26		01-01-1950	11.0	0.0	UNK	DUG			5	UNK	UNC					
092I.084.1.2.2	001	000000017165				21	30	24		00	00	00	001	26		01-01-1962	10.0	0.0	UNK	DUG			5	UNK	UNC					
092I.084.1.2.2	002	000000019008				21	19	24		00	00	00	001	26		01-01-1965	11.0	0.0	UNK	DUG			5	UNK	UNC					
092I.084.1.2.2	003	000000015285				21	19	24		00	00	00	003	26		01-01-1958	30.0	0.0	UNK	OTH			UNK	UNK	UNC					
092I.084.1.2.2	004	000000016086				21	19	24		00	00	00	004	26	CARIBOU HWY	01-08-1959	58.0	8.0	108	DRI			UNK	54	UNC					
092I.084.1.2.2	005	000000016112				21	19	24		00	00	00	005	26		01-09-1959	70.0	8.0	108	DRI			UNK	59	UNC					
092I.084.1.2.2	006	000000051628	1	34062		21	19	24	555	00	00	00	006	26		01-01-1983	260.0	0.0	016	UNK	30.0	GPM	120	UNK	UNC					
092I.084.1.2.2	007	000000051651				21	30	24		00	00	00	010	26	HWY 1	01-01-1983	272.0	8.0	016	UNK	200.0	GPM	130	270	UNC					
092I.084.1.2.2	008	000000054876				21	30	24	556	00	00	00	012	26		14-06-1985	385.0	8.0	016	UNK	150.0	GPM	90	UNK	UNC					
092I.084.1.2.3	001	000000054186	1	19396		21	30	24	102	00	00	00	011	26		22-10-1984	0.0	0.0	016	UNK			UNK	UNK	UNC					
092I.084.1.2.3	002	000000041467				21	30	24		00	00	00	008	26		01-01-1979	15.0	12.0	027	UNK			UNK	UNK	UNC					
092I.084.1.2.3	003	000000041441				21	30	24		00	00	00	009	26		01-01-1979	22.5	12.0	027	DRI			8	UNK	UNC	15-22				
092I.084.1.2.3	004	000000047677				21	25	25	102	00	00	00	004	26	BONAPARTE RANCH	25-03-1981	204.0	12.0	016	UNK			UNK	UNK	UNC					
092I.084.1.2.3	005	000000047603				21	25	25	102	00	00	00	005	26	BONAPARTE RANCH	16-03-1981	200.0	6.0	016	UNK	65.0	GPM	UNK	UNK	UNC					
092I.084.1.2.3	006	000000054190	A	29150		21	25	35	102	00	00	00	006	26		24-10-1984	83.0	8.0	016	UNK	700.0	GPM	6	UNK	UNC					
092I.084.1.2.3	007	000000018082				21	30	24		00	00	00	002	26	NORTH BRIDGE BONAPAR	01-06-1963	43.5	8.0	108	DRI	80.0	GPM	5	UNK	UNC					
092I.084.1.2.3	008	000000016118				21	30	24		00	00	00	003	26	NORTHBRIDGE BONAPART	01-09-1959	60.0	8.0	108	DRI	110.0	GPM	14	UNK	UNC	46-54				
092I.084.1.2.3	009	000000057297				21	36	24	102	00	00	00	000	26	BONAPARTE RANCH	24-07-1987	48.0	5.0	093	DRI			6	UNK	UNC	44-48				
092I.084.1.2.3	010	000000060353				21		25	102	00	00	00	000	26	HWY. 97	28-06-1993	59.0	0.0	090	DRI	350.0	GPM	4		UNC	53-59				
092I.084.1.2.4	001	000000041439				21	30	24		00	00	00	004	26		01-01-1979	20.0	12.0	027	DRI	100.0	GPM	6	UNK	UNC	12-20				
092I.084.1.2.4	002	000000041453				21	30	24		00	00	00	005	26		01-01-1979	21.0	12.0	027	DRI	90.0	GPM	UNK	UNK	UNC	13-21				
092I.084.1.2.4	003	000000041308				21	30	24		00	00	00	006	26		01-01-1979	23.0	12.0	027	DRI			7	UNK	UNC	15-23				
092I.084.1.2.4	004	000000041306				21	30	24	102	00	00	00	007	26		01-01-1979	33.5	12.0	027	DRI	130.0	GPM	7	UNK	UNC	22-33				
092I.084.1.2.4	005	000000038901								00	00	00	000	26		01-01-1978	110.0	8.0	108	DRI	524.0	USGM	8	UNK	UNC	80-101		Y		
092I.084.1.2.4	006	000000038903								00	00	00	000	26		01-01-1978	21.0	8.0	108	DRI	240.0	USGM	6	UNK	UNC	11-21				
092I.084.1.3.2	001	000000018400				21	35	25		00	00	00	001	26	BONAPARTE R	01-01-1966	60.0	0.0	UNK	DRI			UNK	UNK	UNC					
092I.084.1.3.2	002	000000059578				21		35		00	00	00	000	26	HWY#97- 3.9KM W. OF	07-12-1990	72.0	6.0	093	DRI	30.0	GPM	9		UNC	68-72				
092I.084.1.3.3	001	000000027343				22	3	25		00	00	00	001	26		28-11-1972	60.0	8.0	120	DRI	230.0	GPM	9	UNK	UNC	38-58				
092I.084.1.3.3	002	000000037774				22	3	25		00	00	00	002	26	BONAPARTE INDIAN RES	28-07-1977	150.0	6.0	108	DRI	35.0	GPM	49	UNK	UNC	146-150				
092I.084.1.3.3	003	000000037757				22	3	25		00	00	00	003	26	BONAPARTE INDIAN RES	26-07-1977	129.0	6.0	108	DRI	20.0	GPM	26	UNK	UNC	125-129				
092I.084.1.3.3	004	000000047274				22	3	25		00	00	00	004	26		25-02-1981	55.0	6.0	004	DRI	35.0	GPM	30	UNK	UNC					
092I.084.1.3.3	005	000000047275				22	3	25		00	00	00	005	26		25-02-1981	140.0	6.0	004	DRI	18.0	GPM	115	UNK	UNC					
092I.084.1.3.3	006	000000000013				22	3	25		00	00	00	006	26			120.0	6.0	004	DRI	30.0	GPM	88	UNK	UNC					
092I.084.1.3.3	007	000000039987								00	00	00	000	26		01-07-1978	115.0	6.0	108	DRI	20.0	GPM	24	UNK	UNC	111-115				
092I.084.1.4.1	001	000000042132				21	36	25	102	00	00	00	001	26		17-04-1979	85.0	0.0	016	UNK	600.0	GPM	9	UNK	UNC	75-85				
092I.084.2.1.1	001	000000000033				21	20	24		00	00	00	005	26	BACKVALLEY RD		60.0	4.0	016	UNK	8.0	GPM	36	UNK	UNC			Y		
092I.084.2.1.1	002	000000034919				21	29	24		00	00	00	001	26	SEDLIN RANCH	01-06-1976	112.0	16.0	108	DRI	250.0	GPM	UNK	UNK	UNC	67-77				
092I.084.2.1.1	003	000000030199				21	20	24		00	00	00	001	26		28-06-1974	65.0	8.0	108	DRI			UNK	40	UNC					
092I.084.2.1.1	004	000000038859								00	00	00	000	26		01-01-1978	86.0	8.0	108	DRI	811.0	USGM	UNK	75	UNC	22-32		Y		
092I.084.2.1.1	005	000000038898								00	00	00	000	26		01-01-1978	207.0	8.0	108	DRI	400.0	USGM	25	UNK	UNC	84-99		Y		
092I.084.2.1.2	001	000000035366				21	21	24	3	00	00	00	003	26	SEDLIN RANCH	31-07-1976	170.0	8.0	108	DRI	151.0	GPM	82	156	UNC					
092I.084.2.1.2	002	000000046617	3			21	21	24		00	00	00	004	26	SEDLIN RANCH	14-11-1980	65.0	0.0	016	DRI	30.0	GPM	UNK	UNK	UNC	61-65				
092I.084.2.1.2	003	000000046618	3			21	21	24		00	00	00	005	26	SEDLIN RANCH	14-11-1980	117.0	6.0	016	DRI			UNK	UNK	UNC					
092I.084.2.1.3	001	000000047594	6							00	00	00	002	26	BONAPARTE RANCH	06-04-1981	103.0	10.0	016	UNK	1400.0	GPM	6	UNK	UNC	82-101				
092I.084.2.1.3	002	000000060331				21	29	24		00	00	00	000	26	BACK VALLEY RD.	08-06-1993	120.0	0.0	090	DRI	75.0	GPM	85		UNC	114-120				
092I.084.3.1.1	001	000000042121				22	10	25	91	00	00	00	001	26	JACKSON RANCH	17-04-1979	110.0	10.0	016	DRI	500.0	GPM	5	UNK	UNC	91-106				
092I.084.3.1.1	002	000000041935				22	10	25	91	00	00	00	002	26	JACKSON RANCH	26-03-1979	125.0	6.0	016	DRI	650.0	GPM	35	UNK	UNC					
092I.084.3.1.1	003	000000044968				22	10	25	91	00	00	00	003	26	JACKSON RANCH	05-05-1980	187.0	10.0	016	DRI	500.0	GPM	7	UNK	UNC	109-126				
092I.084.3.1.3	001	000000044989				22	9	25	91	00	00	00	001	26	JACKSON RANCH	07-05-1980	125.0	0.0	016	DRI			UNK	UNK	UNC					
092I.084.3.3.1	001	000000051597				22	22	25		00	00	00	003	26	HWY 97	01-01-1983	122.0	8.0	016	UNK	200.0	GPM	78	UNK	UNC					
092I.092.3.3.3	001	000000041442	3	30117					3639	10	16	02	001	29		01-01-1979	50.0	0.0	236	DRI	8.0	GPM	35	UNK	UNC					
092I.092.3.3.3	003	000000041443	1	30117					3639	10	16	02	003	29		01-01-1979	50.0	6.0	236	DRI			35	UNK	UNC					
092I.092.3.3.3	003	000000041444	8	30117					3639	10	16	02	003	29		01-01-1979	83.0	6.0	236	UNK	5.0	GPM	15	48	BED					

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M I N I S T R Y   O F   E N V I R O N M E N T ,   L A N D S   &   P A R K S

Water Rights Information System
Summary Report (with legal descriptions and old coordinates)

Operator Id SPINTO

BCGS Map Area	Well No.	Well Tag No.	Lot No.	Plan No.	Blk No.	TP	SC	RG	D.L.	S	X	Y	Old Well No.	L.D.	Site Address	Date Constructed (dmy)	Well Depth (ft.)	Well Diam. (in.)	Drill Contr No.	Const. Method	Well Yield	Yld. Unt.	Depth to Water (ft.)	Depth to Bedrk (ft.)	Aquif Litho	Screen Interval (ft.)	G.W. Rpt	Chem Lab	Chem Fld	Chem Site No.
092I.073.3.1.3	001	000000051613				21	6	26		00	00	00	000	26		01-01-1983	80.0	6.0	016	UNK	6.0	GPM	15	UNK	UNC					
092I.074.1.2.1	001	000000038586	15			20	24	25	18	00	00	00	001	26		17-11-1977	244.0	6.0	016	DRI	15.0	GPM	165	UNK	UNC	210-214				
092I.074.1.2.1	002	000000045135	16			20	24	25	16	00	00	00	002	26		26-05-1980	367.0	8.0	016	DRI			120	UNK	UNC	357-367				
092I.074.1.2.3	001	000000051640				20	24	25	16	00	00	00	003	26	ASHCROFT MANOR	01-01-1983	425.0	6.0	016	UNK	40.0	GPM	150	UNK	UNC	421-425		Y		
092I.074.1.2.3	002	000000023751				20	24	25	16	00	00	00	004	26	ASHCROFT MANOR	10-07-1970	205.0	10.0	016	DRI			UNK	58	UNC	47-58				
092I.074.1.2.3	003	000000041958				20	19	24	17	00	00	00	002	26		29-03-1979	230.0	6.0	[illegible]	DRI	10.0	GPM	100	UNK	UNC	219-230				
092I.074.1.2.4	001	000000024331				20	19	24		00	00	00	001	26	ASHCROFT MANOR	26-11-1970	175.0	6.0	108	DRI	3.0	GPM	95	UNK	UNC	155-164				
092I.074.1.2.4	002	000000027220				20	19	24	446	00	00	00	003	26	ASHCROFT MANOR	01-11-1972	210.0	6.0	120	DRI	100.0	GPM	107	UNK	UNC	158-175	Y	Y		
092I.074.1.2.4	003	000000000015							17	00	00	00	000	26	ASHCROFT MANOR INDIA		175.0	6.0	108	UNK	3.0	GPM	UNK	UNK	UNC					
092I.074.2.1.4	001	000000054344				19	19	15		00	00	00	000	26		01-01-1985	225.0	7.0	130	UNK	12.0	GPM	UNK	UNK	UNC					
092I.074.2.3.4	001	000000041949	3	29319		20	33	24		00	00	00	001	26		28-03-1979	44.0	6.0	016	DRI	20.0	GPM	UNK	UNK	UNC	40-44				
092I.074.2.3.4	002	000000041450				20	33	24		00	00	00	002	26		01-01-1979	60.0	0.0	UNK	DRI			33	UNK	UNC					
092I.074.2.3.4	003	000000038084				20	34	24		00	00	00	001	26		01-09-1977	72.0	0.0	UNK	DRI			20	61	UNC					
092I.074.2.3.4	004	000000038085				20	34	24		00	00	00	002	26		01-09-1977	45.0	0.0	UNK	DRI			5	36	UNC					
092I.074.2.3.4	005	000000038354	2	25172		20	33	24		00	00	00	000	26	OLD MILL RD	07-10-1977	102.0	6.0	108	CTN	25.0	GPM	74	UNK	UNC	94-98				
092I.074.3.2.4	001	000000056099				21	7	24		00	00	00	000	26	BOSTON FLATS	12-06-1986	103.0	7.0	090	UNK			58	UNK	UNC					
092I.074.3.4.2	001	000000027457				21	7	24		00	00	00	001	26		01-01-1973	172.0	4.5	UNK	UNK	40.0	GPM	110	UNK	UNC					
092I.074.4.1.2	001	000000043818								00	00	00	000	26	BOX 967	09-11-1979	375.0	6.0	108	DRI	30.0	GPM	344		UNC	0-367				
092I.074.4.1.3	001	000000049712				21	8	24		00	00	00	001	26	SUNRISE FARM	15-12-1981	52.0	8.0	016	UNK	250.0	GPM	14	UNK	UNC	47-52				
092I.074.4.3.3	001	000000045671				21	20	24	4	00	00	00	002	26	SEMLIN RANCH	28-07-1980	224.0	6.0	016	DRI	5.0	GPM	UNK	182	UNC					
092I.074.4.3.3	002	000000045670				21	20	24	2	00	00	00	003	26	SEMLIN RANCH	28-07-1980	205.0	0.0	016	DRI			120	UNK	UNC					
092I.074.4.3.3	003	000000052955				21	20	24	555	00	00	00	004	26		26-10-1983	272.0	8.0	016	UNK	200.0	GPM	130	270	UNC					
092I.074.4.3.4	001	000000036135	4						5	00	00	00	004	26	SEMLIN RANCH	08-12-1976	138.0	8.0	108	DRI	548.0	GPM	40	UNK	UNC					
092I.074.4.3.4	002	000000023978				21	21	24		00	00	00	001	26		11-09-1970	165.0	0.0	108	UNK			UNK	UNK	UNC					
092I.074.4.3.4	003	000000023993				21	21	24		00	00	00	002	26		17-09-1970	160.0	8.0	108	DRI	5.0	GPM	UNK	UNK	UNC					
092I.074.4.3.4	004	000000034738							5	00	00	00	000	26	SEMLIN RANCH	01-05-1976	149.0	16.0	108	DRI	190.0	GPM	41	UNK	UNC	86-111				
092I.074.4.3.4	005	000000035873							5	00	00	00	000	26		08-10-1976	147.0	20.0	108	DRI	1700.0	GPM	43	UNK	UNC	103-143				
092I.074.4.4.2	001	000000053614				21	13	24	437	00	00	00	001	26	SEMLIN VALLEY	01-06-1984	106.0	12.0	016	UNK	100.0	GPM	6	UNK	UNC	[illegible]				
092I.074.4.4.3	001	000000051608	7			21	14	24		00	00	00	001	26	SEMLIN VALLEY	01-01-1983	90.0	0.0	016	UNK	100.0	GPM	13	UNK	UNC					
092I.074.4.4.3	002	000000024333				21	22	24		00	00	00	001	26	CACHE CK JUNCTION	24-12-1970	152.0	18.0	108	DRI	1200.0	GPM	UNK	UNK	UNC	100-150	Y		Y	
092I.074.4.4.3	003	000000019328				21	22	24	435	00	00	00	002	26		01-07-1965	134.0	8.0	108	DRI	130.0	GPM	11	UNK	UNC					
092I.074.4.4.3	004	000000016794	3			21	22	24		00	00	00	003	26		01-01-1961	149.0	8.0	108	DRI	1200.0	GPM	7	UNK	UNC	99-129		Y		
092I.075.1.1.3	001	000000051598	8	14168		20	19	23		00	00	00	000	26	BARNES LAKE	01-01-1983	160.0	6.0	223	DRI			UNK	17	BED					
092I.075.1.1.3	002	000000053555		14168		20	19	23		00	00	00	000	26	BARNES LAKE	09-05-1984	425.0	6.0	016	DRI	1.5	GPM	13	12	BED					
092I.075.3.4.2	001	000000051480							584	00	00	00	000	26	MACABEE PIT	01-01-1983	236.0	6.0	223	DRI	200.0	GPM	66	UNK	UNC					
092I.081.4.2.3	001	000000037949							89	09	16	21	001	29	PAVILLION GENERAL ST	20-08-1977	54.0	6.0	048	DRI	20.0	GPM	30	UNK	UNC	50-54				
092I.081.4.2.3	002	000000051690	A	6746					18	09	16	21	002	29		01-01-1983	173.0	0.0	108	DRI	50.0	GPM	1	UNK	UNC	165-173				
092I.081.4.2.3	003	000000022426								09	16	21	003	29		01-06-1969	123.0	6.0	035	UNK			UNK	UNK	UNC					
092I.081.4.4.2	001	000000040105								09	16	28	001	29	INDIAN CULTURE CENTR	14-07-1978	93.0	0.0	101	DRI	10.0	GPM	60	UNK	UNC	87-93				
092I.082.2.1.4	001	000000036051								00	00	00	000	29		17-11-1976	262.0	0.0	101	DRI	30.0	GPM	160	UNK	UNC	255-262				
092I.082.2.1.4	002	000000035152								00	00	00	000	29		01-07-1976	43.0	5.5	004	DRI			23	UNK	UNC					
092I.082.2.1.4	003	000000036070								00	00	00	000	29		25-11-1976	98.0	0.0	101	DRI	20.0	GPM	UNK	UNK	UNC					
092I.082.2.1.4	004	000000056356	1			21		27		00	00	00	000	26	MARBLE CANYON	16-07-1986	177.0	7.0	090	UNK			76	UNK	UNC	166-177				
092I.082.2.2.3	001	000000058919	1			21		27		00	00	00	000	26	HWY. 12	05-07-1989	158.0	6.5	093	DRI	200.0	GPM	84		UNC	149-158				
092I.082.2.3.2	001	000000020045								00	00	00	000	26	PROVINCIAL PARK	10-07-1966	44.0	8.0	086	DRI	22.0	GPM	23	44	UNC	39-43				
092I.082.2.3.2	002	000000037458								00	00	00	000	29		01-01-1973	101.0	6.0	347	UNK	90.0	USGM	86	UNK	UNC					
092I.082.3.2.2	001	000000038462	3	7022					5362	00	00	00	000	29		28-10-1977	40.0	6.0	004	DRI			15	UNK	UNC					
092I.082.3.2.2	002	000000036438	1	7022					5362	00	00	00	000	29		01-01-1977	44.0	6.0	004	DRI	30.0	GPM	15	UNK	UNC					
092I.082.3.2.2	003	000000037285	5	7022					5362	00	00	00	000	29		31-05-1977	55.0	6.0	004	DRI	16.0	GPM	41	UNK	UNC					
092I.082.3.2.2	004	000000038288	2	7022					5362	00	00	00	000	29		01-10-1977	44.0	6.0	004	DRI	20.0	GPM	15	UNK	UNC					
092I.082.3.2.3	001	000000038458	10	18105					779	00	00	00	000	29		27-10-1977	56.0	6.0	004	DRI	30.0	GPM	10	UNK	UNC				Y	
092I.082.3.2.3	002	000000053714	1	14393					779	00	00	00	000	29	PAVILION LAKE	30-06-1984	57.0	6.0	220	DRI	5.0	GPM	43	UNK	UNC	52-57				
092I.082.3.3.2	001	000000058563	14						779	00	00	00	000	29	SMITH RD.	11-11-1988	57.0	5.0	093	DRI	10.0	GPM	26	UNK	UNC	53-57				
092I.082.3.3.3	003	000000059994	22	18108					779	00	00	00	000	26	HWY. 12	09-05-1992	53.0	0.0	093	DRI	12.0	USGM	39		UNC					
092I.083.1.4.3	001	000000047153							379	00	00	00	000	26	ROBERTSON RANCH	31-01-1981	192.0	6.0	016	UNK			UNK	185	UNC					
092I.083.4.2.4	001	000000045023				22	16	25'	91	00	00	00	003	26	JACKSON RANCH	12-05-1980	125.0	0.0	016	UNK	1000.0	GPM	8	UNK	UNC	115-125				
092I.083.4.3.2	001	000000042293				22	18	26		00	00	00	001	26		05-05-1979	185.0	0.0	108	DRI			UNK	6	UNC					
092I.083.4.3.2	002	000000027274				22	13	26		00	00	00	001	26	BONAPARTE RESERVE	14-11-1972	230.0	6.0	120	DRI			UNK	14	UNC					

SCHEDULE of Indian Reserves in the Dominion—*Continued.*

KAMLOOPS AGENCY—*Continued.*

No.	Name.	Where Situated.	Tribe or band.	Area, Acres.	Remarks.
2	105 Mile Post............	Kamloops district, in township 20, ranges 24 and 25, west of 6th meridian, near Ashcroft.	"	3,470·00	20 inches of water recorded from a spring on the reserve: 200 inches from the Bonaparte river and all the water from all other sources of water-supply on the reserve.
3	McLean's Lake...........	Kamloops district, in township 21, range 25, west of 6th meridian, northwest of Ashcroft.	"	1,003·00	25 inches of water recorded from the stream flowing into McLean's lake. All these reserves are in the railway belt. Allotted by Commissioner O'Reilly, August 10, 1881. Surveyed in 1885. Approved, May 1, 1886.
4	....	Kamloops district, lot 446 and portion of lot 17, Group 1.	"	307·00	Exchanged by Messrs. Cornwall Bros., for Southdown mountain. See Order in Council, October 10, 1894. The Ashcroft Indians have the privilege of fishing on both banks of the Thompson river from the head of the Black canyon up stream a distance of one mile; also the privilege of fishing on both banks of the Thompson river from the mouth of Minnaberiet creek, up stream a distance of one-half mile.
3	Bonaparte...............	Kamloops district, portions of sections 34, 35, tp. 21, R. 25, west of 6th meridian, and sections 2, 3, tp. 22, R. 25, west of the 6th meridian.	Bonaparte..........	477·00	100 inches of water recorded from the Bonaparte river and 50 inches from Hat creek. In railway belt.
5	Mauvais Rocher.........	Kamloops district, on Thompson river, in section 14, tp. 21, R. 23, west of 6th meridian.	"	99·80	30 inches of water recorded from Kaile creek and all the water from all other sources of water-supply on the reserve.
4	Loon Lake..............	Lillooet district, at the western extremity of Loon lake, 28 miles north of Ashcroft.	"	59·00	Allotted by Commissioner Sproat, August 10, 1878, surveyed 1883, approved June 4, 1884.
1	Upper Hat Creek........	Lillooet district, portions of sections 19, 20, 29, 30, 31, 32 and 33, tp. 21, R. 26, west of 6th meridian.	"	2,057·00	100 inches of water recorded from the stream which discharges into Hat creek, opposite the Marble canyon, 150 inches from Hat creek, and all the water from all other sources of water-supply on the reserve.
2	Lower Hat Creek.........	Lillooet district, portions of sections 17, 18, 19, 20, tp. 22, R. 25, and sections 13, 14, 15, 22, 23, 24, tp. 22, R. 26, west of 6th meridian.	"	2,078·00	100 inches of water recorded from Sultatkus creek, 150 inches from Hat creek, and all the water from all other sources of water-supply on the reserve.
3A	Bonaparte...............	Kamloops district, part of section 33, north ½ of sections 34, 35, tp. 21, R. 25, and sections 3 and 2, tp. 22, R. 25, west of 6th	"	1,283·00	Allotted by Commissioner O'Reilly, June 5, 1890. Not surveyed. In the railway belt. With the exception of reserve No. 5, Loon lake, all

ABANDONED
1926/01/16

FISHING
APPLIES TO
ENTIRE
ASHCROFT
BAND

		meridian. The portion of the n. w. ¼ of s. 3, tp. 21, R. 25, W. 6 M., within the reserve has been relinquished to the Department of the Interior, containing 48·00 acres.			the Bonaparte reserves are within the railway belt. Reserves 1, 2 and 3, allotted by Commissioner Sproat, August 10, 1878, surveyed 1883. Reserves 4 and 5, allotted by Commissioner O'Reilly, August 6, 1881, surveyed, 1883.
	....	Lillooet district in tp. 24, R. 23, west of 6th meridian, at the west end of Hikium lake.	Bonaparte, Nicola and Kamloops.	80·00	A temporary reserve for fishing purposes, subject toe cancellation by the Minister of the Interior on one year's notice.
1	Kumcheen....................	Kamloops district, on the left bank of the Thompson at the mouth of Nicola river, in section 12, township 17, range 25, west 6th meridian, near Spence's bridge.	Cook's Ferry..........	21·75	30 inches of water recorded from Nicola river.
2	Skoonkoon....................	Kamloops district, on the right bank of the Thompson river, 5 miles below Spence's bridge, in section 17, township 16, range 25, west 6th meridian.	"	55·00	50 inches of water recorded from Skoonkoon creek, and all the water from all other sources of water-supply on the reserve.
3	Shawniken....................	Kamloops district, on the right bank of Thompson river, one mile below Spence's bridge, in sections 4 and 10, township 17, range 25, west 6th meridian.	"	106·50	50 inches of water recorded from Shawniken creek, at the falls, and all the water from all other sources of water-supply on the reserve.
4	....	Kamloops district, on the left bank of the Thompson river, ½ mile below Spence's bridge, in section 10, township 17, range 25, west 6th meridian.	"	35·00	10 inches of water recorded from the Thompson river → ABANDONED 1925/11/23
4A	....	Kamloops district, on the left bank of the Thompson river, to the south of and adjoining reserve No. 4.	"	108·00	Allotted by Commissioner O'Reilly, October 15, 1889. Unsurveyed. Confirmed by O. C. October 31, 1890.
4B	Shaniken....................	Adjoins north east corner of Indian reserve No. 4.	"	7·50	Donated by A. Clemes as a village site in place of that destroyed by land slide. Deed dated March 23, 1907. Surveyed by A. H. Green, P.L.S. This is a part of lot 438, group 1, Yale district.
5	Chuchhriaschin..........	Kamloops district, in the Chuchhriaschin valley, three miles north of Spence's bridge, in section 26, township 17, range 25, west of 6th meridian.	"	20·00	75 inches of water recorded from Nicoelton creek, all the water from two springs in the mountains on the south side of the valley, and all the water from all other water sources on the reserve. → ABANDONED 1926/01/16
5A	"	Kamloops district, in the Chuchriaschin valley, two miles north of Spence's bridge, in section 23, township 17, range 25, west 6th meridian.	"	20·00	
6	Nicoelton....................	Kamloops district, in the Nicoelton valley, four miles north of Spence's bridge, in township 18, range 25, west of the 6th meridian.	"	2,008·50	50 inches of water recorded from Nicoelton creek, and all the water from all other sources of water-supply on the reserve.
7	Kloklowuck....................	Kamloops district, in the Nicola valley, seven miles from Spence's bridge, on the right bank of the Nicola river.	"	210·00	10 inches of water recorded from the stream near the southern end of the reserve, 40 inches from Kloklowuck creek, and all the water from all other sources of water-supply on the reserve.
8	Tsinkahtl....................	Kamloops district, on the right bank of Thompson river six miles above Spence's bridge.	"	19·805	5 inches of water from the spring nearest the reserve. → ABANDONED 1926/01/16.

PABC - REEL B4472
WRB FILE 0-1-1

Dept. of Lands
JAN 18 1926
Water Branch

DEPARTMENT OF INDIAN AFFAIRS
CANADA

In your reply refer to
No. 30/6456.
Also to date of this letter

COMMISSIONER'S OFFICE.
P.O. BOX 666
VICTORIA. B.C., January 16, 1926.

3-22-1 (19)

482569

Sir:-

Further List of Indian Water Rights to be abandoned.

Mr. Balls, of the Dominion Water Power Branch, has brought to my attention a further list of claims to water for Indian Reserves within the Railway Belt, which should be officially abandoned by this Department in order that the said claims may be wiped off your books. These claims are as hereunder set forth, the reason for abandonment being given in each case. I, therefore, wish to inform you that this Department officially abandons the claims enumerated hereunder:-

Board File

LYTTON AGENCY.

15-11-1. Lytton I.R. No. 8 (Maka)--I.R.C. Allotment dated July 10th, 1878, recorded in Dominion Lands Office at New Westminster Sept.26th, 1888--"Five inches of water from Boothanie Creek."

Maka
15-11-1

The location of this reserve is not definitely known, township plan shows position uncertain and neither the Indian Agent at Lytton nor the Lytton Indians were able to furnish any definite information. There are no Indians living or working on the reserve. If the Indians ever intend to irrigate the land in this reserve, there should be no trouble in obtaining a licence for water from Boothanie Creek.

KAMLOOPS AGENCY.

3-11-1. Nicomen I.R. No. 4--I.R.C. Allotment dated July 13th, 1878, recorded in Dominion Lands Office at New Westminster Sept. 26th, 1888--"20 inches of water from Skhpowtez Creek."

Skhpowtz
3-11-1

There is no irrigable land on Skhpowtez Reserve. The Indians were using water from Skhpowtez Creek on Klakowit Reserve (Nicomen No. 5) without authority and leave was granted to apply for the transfer of the rights from Reserve No. 4 to Reserve No. 5. As there were no other record holders to consider, it was found simpler to relinquish the rights for Reserve No. 4 and to apply for a new licence for Reserve No. 5. A Conditional Licence appurtenant to Reserve No. 5 has been acquired accordingly, so the record for Reserve No. 4 may now be abandoned as of no value.

The Chairman,
Board of Investigation
under Water Act,
Parliament Buildings,
Victoria, B.C.

Dept. of Lands
JAN 18 1926
Water Branch
182569

KAMLOOPS AGENCY - CONT'D.

Board File

4-11-1. Nicomen I.R. No.8--(1)--I.R.C. Allotment dated July 13, 1878, recorded in Dominion Lands Office at New Westminster Sept. 26, 1888,--"20 inches of water from the Thompson River."

(2) Official Schedule of Indian Reserves (1913) "20 inches of water recorded from Unpukpulquatum Creek."

Unpukpulquatum

(1) The total irrigable area is only 0.7 acre, there are no residents, stock or improvements on the reserve and priority is of no importance whatever. Furthermore it would be impracticable to obtain a gravity supply of water from the Thompson River for irrigation on this reserve.

(2) There is no water available in Unpukpulquatum Creek.

8-11-1. Nicomen I.R. No. 14.---I.R.C. Allotment dated July 13, 1878, recorded in Dominion Lands Office at New Westminster Sept. 26, 1888,--"All the water from all the springs and other sources of water supply on the reserve".

Putkwa

There are no sources of water supply on the reserve and no irrigable land, improvements, residents or stock.

27-4-1. Cooks Ferry I.R. No. 5.---I.R.C. Allotment dated 20th July, 1878--recorded in the Dominion Lands Office at New Westminster Sept. 26, 1888--"All the water from two springs on the mountains on the South side of the valley."

Chuchhriaschin

Claim disallowed for the reason that the existence of the recorded sources has not been established. The water supply for this reserve is obtained from Twaal Creek.

28-4-1. Cooks Ferry I.R. No. 8.---I.R.C. Allotment dated July 20, 1878, recorded in the Dominion Landw Office at New Westminster Sept. 26, 1888--"5 inches of water from the spring nearest to the reserve".

Tsinkahtl

Tsinkahtl

Claim disallowed for the reason that there is no water available.

21-3-1. Oregon Jack I.R. No. 1.---I.R.C. Allotment dated August 3, 1878, recorded in the Dominion Lands Office at New Westminster Sept. 26, 1888--"20 inches from the stream which flows through the reserve" (Venables Creek).

Hay meadow

Hay Meadow

Claim to water from Venables Creek has been disallowed on the grounds that no use of water on this reserve has been made by the Indians and that all the water in the creek is required by holders of earlier rights.

29-2-1. Bonaparte I.R. No. 5.---I.R.C. Allotment dated August 10, 1878, recorded in Dominion Lands Office at New

Mauvais Rocher

Mauvais Rocher

Westminster

PABC - REEL B4472
WRB FILE 0-1-1

21.

482569

Board File

Westminster, Sept. 26, 1888--"30 inches of water from Knife Creek and all the water from the spring and creek which rises above the wagon road and flows through the reserve.

The creek formerly used by Indians for irrigation is reported to have dried up. No source of supply is now known to be available.

Ashcroft I.R. No.2.---I.R.C. Allotment dated August 10, 1881, recorded in the Dominion Lands Office at New Westminster, Sept. 26, 1888--200 inches of water from Bonaparte River.

12-3-1

105 Mile Post

The claim to this record was withdrawn by former Indian Agent Mr. John F. Smith, as it is not economically feasible to obtain water from the Bonaparte River for this reserve. According to a Provincial survey it would be necessary to carry the water by ditch and flume for a distance of 18 miles in order to obtain a supply from this source.

WED/ED.

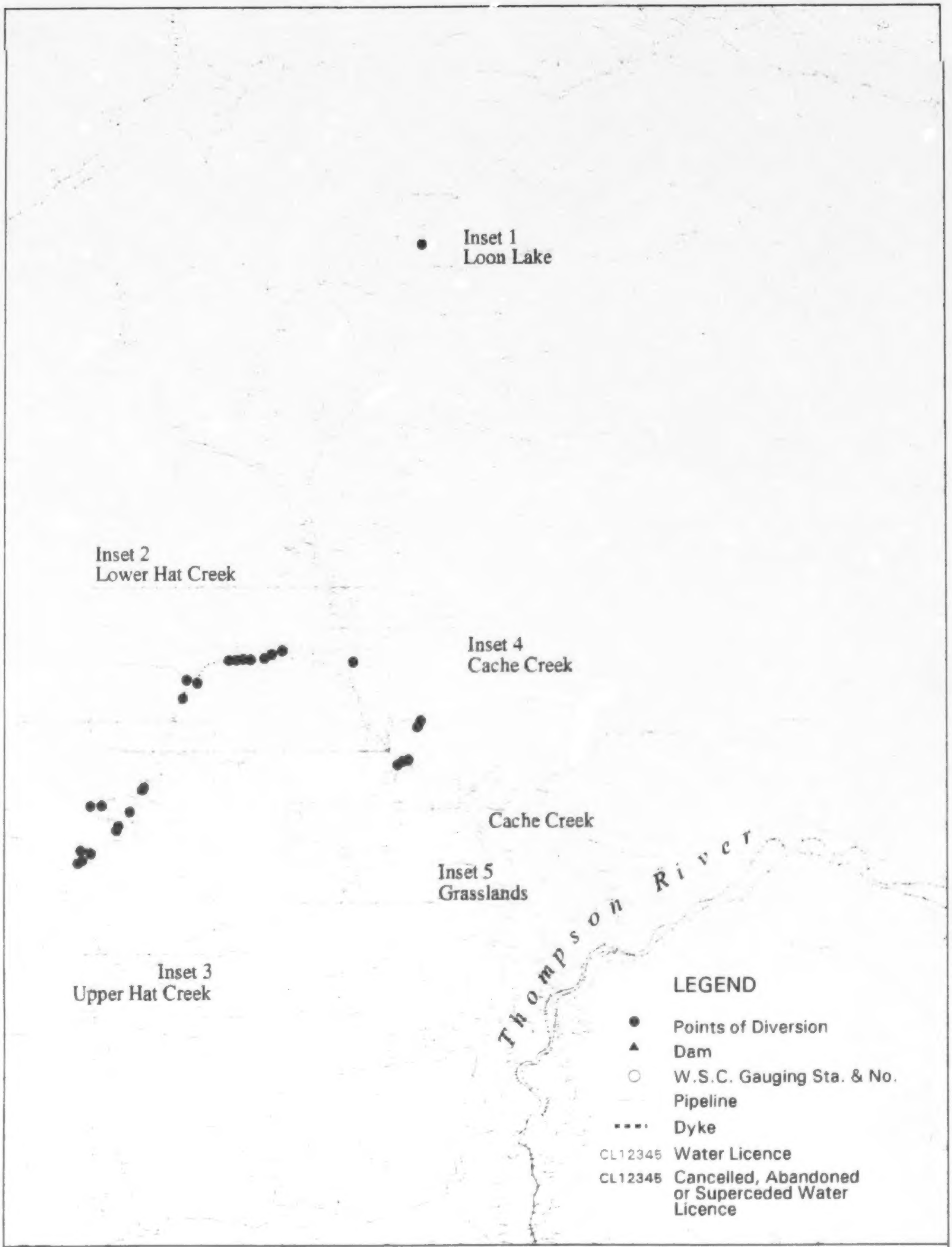
Yours very truly,

W. E. Ditchburn

W. E. Ditchburn.
Indian Commissioner for B. C.

Dept. of Lands
JAN 18 1926
Water Branch

PABC - REEL B4472
WRB FILE 0-1-1


Inset 1
Loon Lake
Inset 2
Lower Hat Creek
Inset 4
Cache Creek
Cache Creek
Inset 5
Grasslands
Thompson River
Inset 3
Upper Hat Creek
LEGEND
● Points of Diversion
▲ Dam
○ W.S.C. Gauging Sta. & No.
Pipeline
Dyke
CL12345 Water Licence
CL12345 Cancelled, Abandoned or Superceded Water Licence

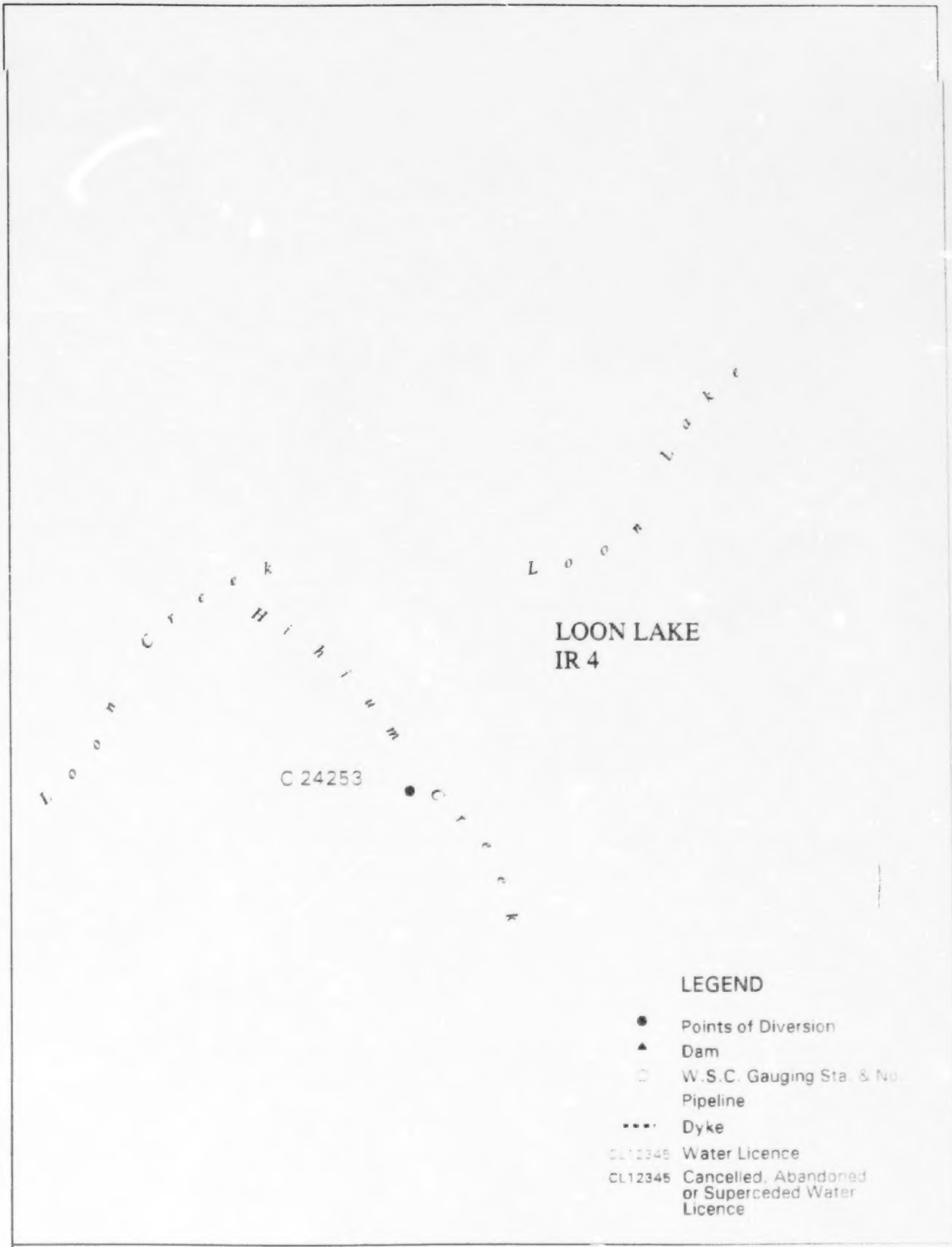
Bonaparte

Scale 1:250,000

Ministry of Environment, Lands & Parks

Date: April 14, 2000

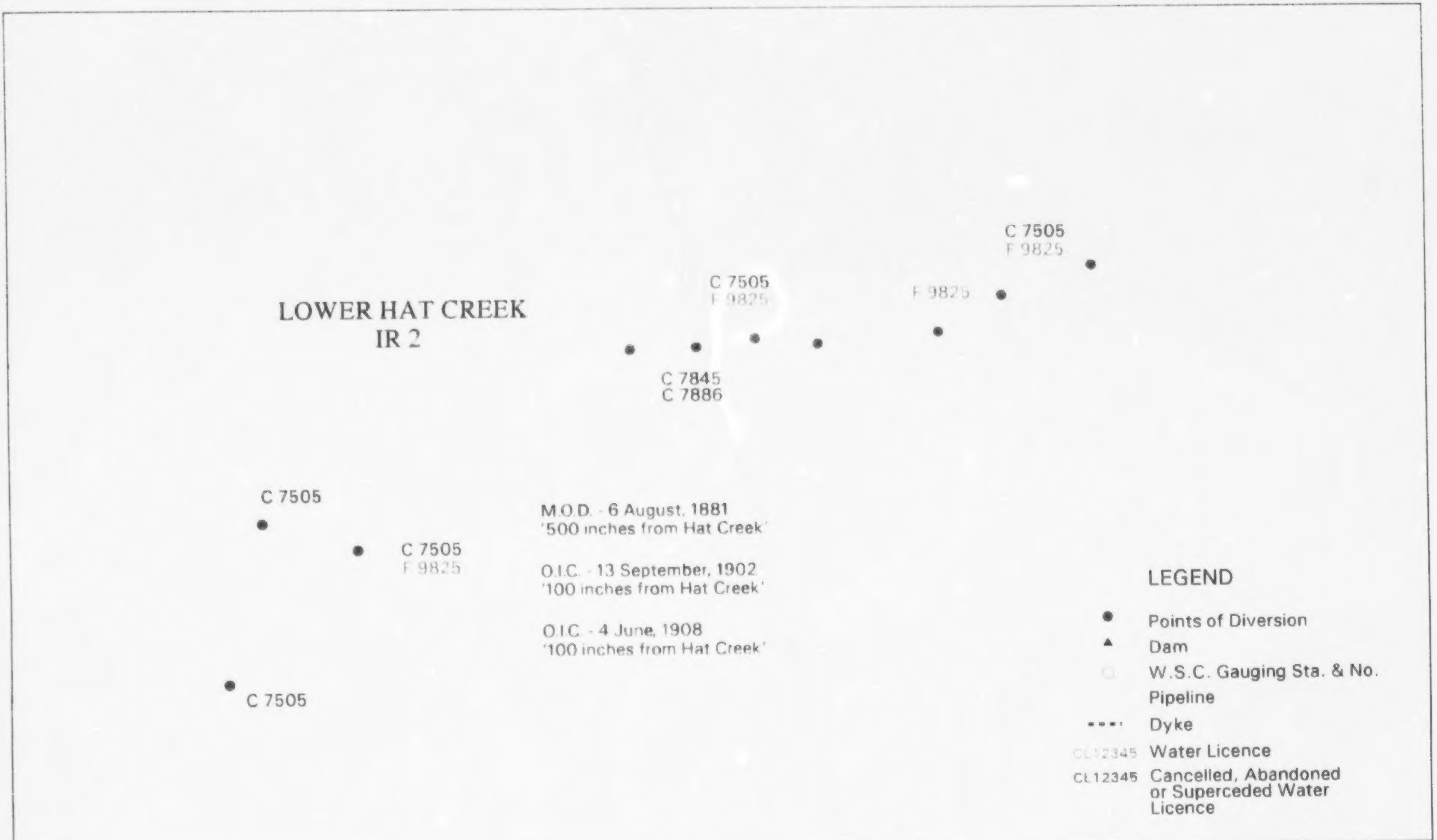
Environment & Lands Division


Loon Creek
Hihium Creek
Loon Lake
LOON LAKE
IR 4
C 24253
LEGEND
● Points of Diversion
▲ Dam
W.S.C. Gauging Sta. & No.
Pipeline
Dyke
CL12345 Water Licence
CL12345 Cancelled, Abandoned or Superceded Water Licence

Loon Lake

Scale 1:20,000

Ministry of Environment, Lands & Parks
Date: April 14, 2000
Environment & Lands Division



LOWER HAT CREEK
IR 2
C 7505
F 9825
C 7505
F 9825
F 9825
C 7845
C 7886
C 7505
C 7505
F 9825
C 7505
LEGEND
● Points of Diversion
▲ Dam
○ W.S.C. Gauging Sta. & No.
Pipeline
---- Dyke
CL12345 Water Licence
CL12345 Cancelled, Abandoned or Superceded Water Licence

M.O.D. - 6 August, 1881
'500 inches from Hat Creek'

O.I.C. - 13 September, 1902
'100 inches from Hat Creek'

O.I.C. - 4 June, 1908
'100 inches from Hat Creek'

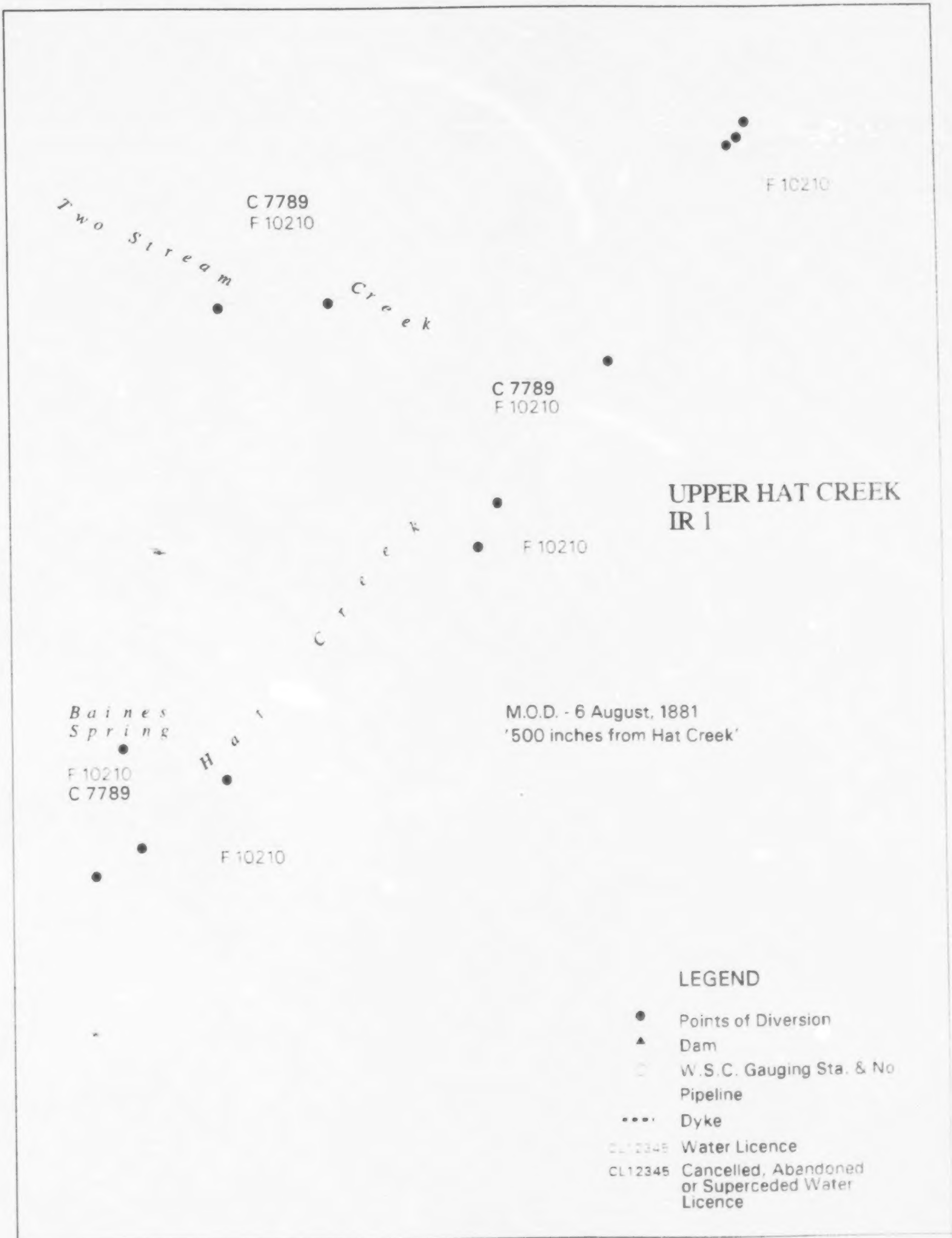
Lower Hat Creek

Scale 1:30,000

Date: April 14, 2000

Ministry of Environment, Lands & Parks

Environment & Lands Division


F 10210
C 7789
F 10210
Two Stream Creek
C 7789
F 10210
UPPER HAT CREEK
IR 1
F 10210
Hat Creek
Baines Spring
F 10210
C 7789
M.O.D. - 6 August, 1881
'500 inches from Hat Creek'
F 10210
LEGEND
● Points of Diversion
▲ Dam
W.S.C. Gauging Sta. & No
Pipeline
Dyke
CL12345 Water Licence
CL12345 Cancelled, Abandoned or Superceded Water Licence

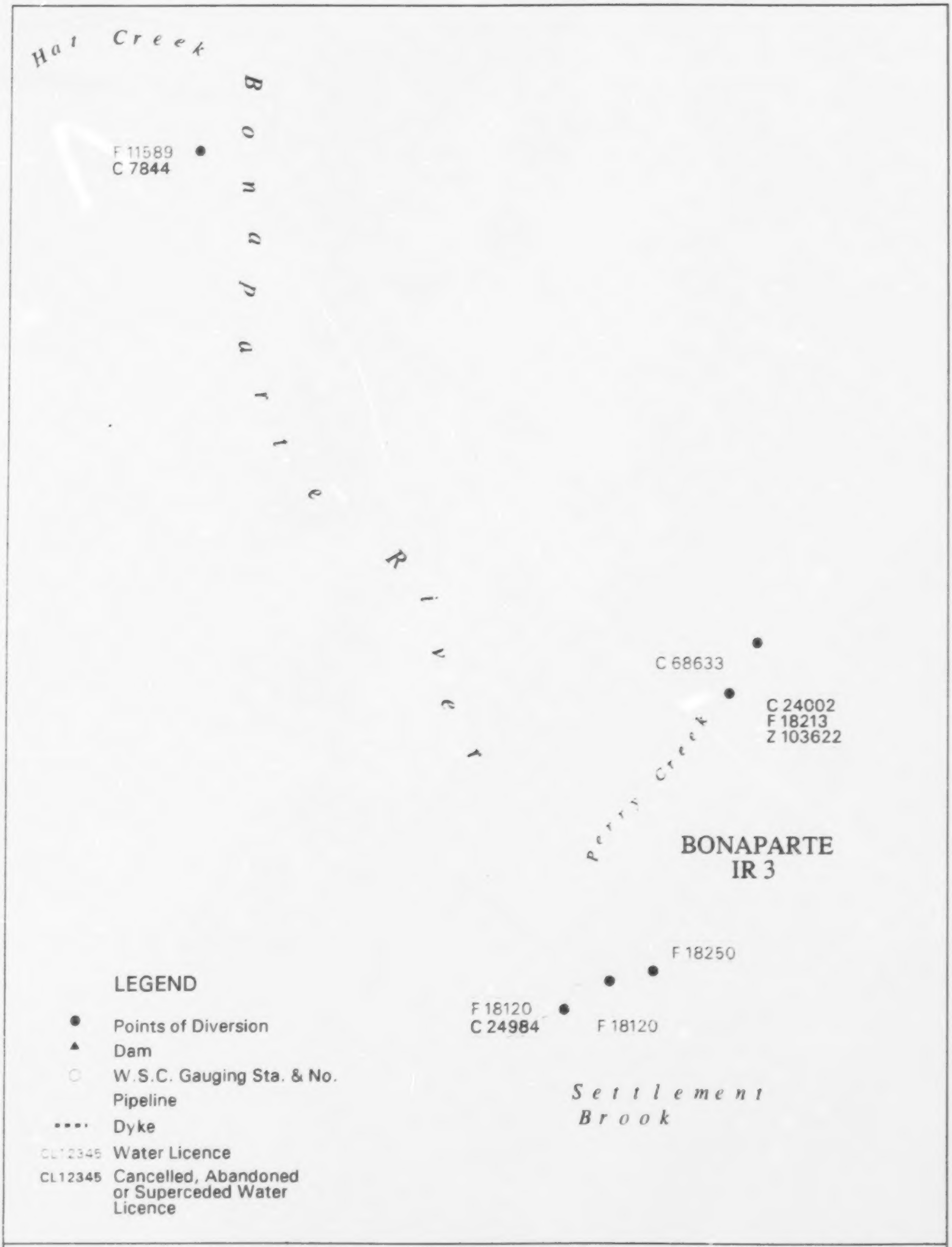
Upper Hat Creek

Scale 1:25,000

Ministry of Environment, Lands & Parks

Date: April 14, 2000

Environment & Lands Division


Hat Creek
Bonaparte River
F 11589
C 7844
C 68633
C 24002
F 18213
Z 103622
Perry Creek
BONAPARTE IR 3
F 18250
F 18120
C 24984
F 18120
Settlement Brook
LEGEND
● Points of Diversion
▲ Dam
○ W.S.C. Gauging Sta. & No.
Pipeline
Dyke
CL12345 Water Licence
CL12345 Cancelled, Abandoned or Superceded Water Licence

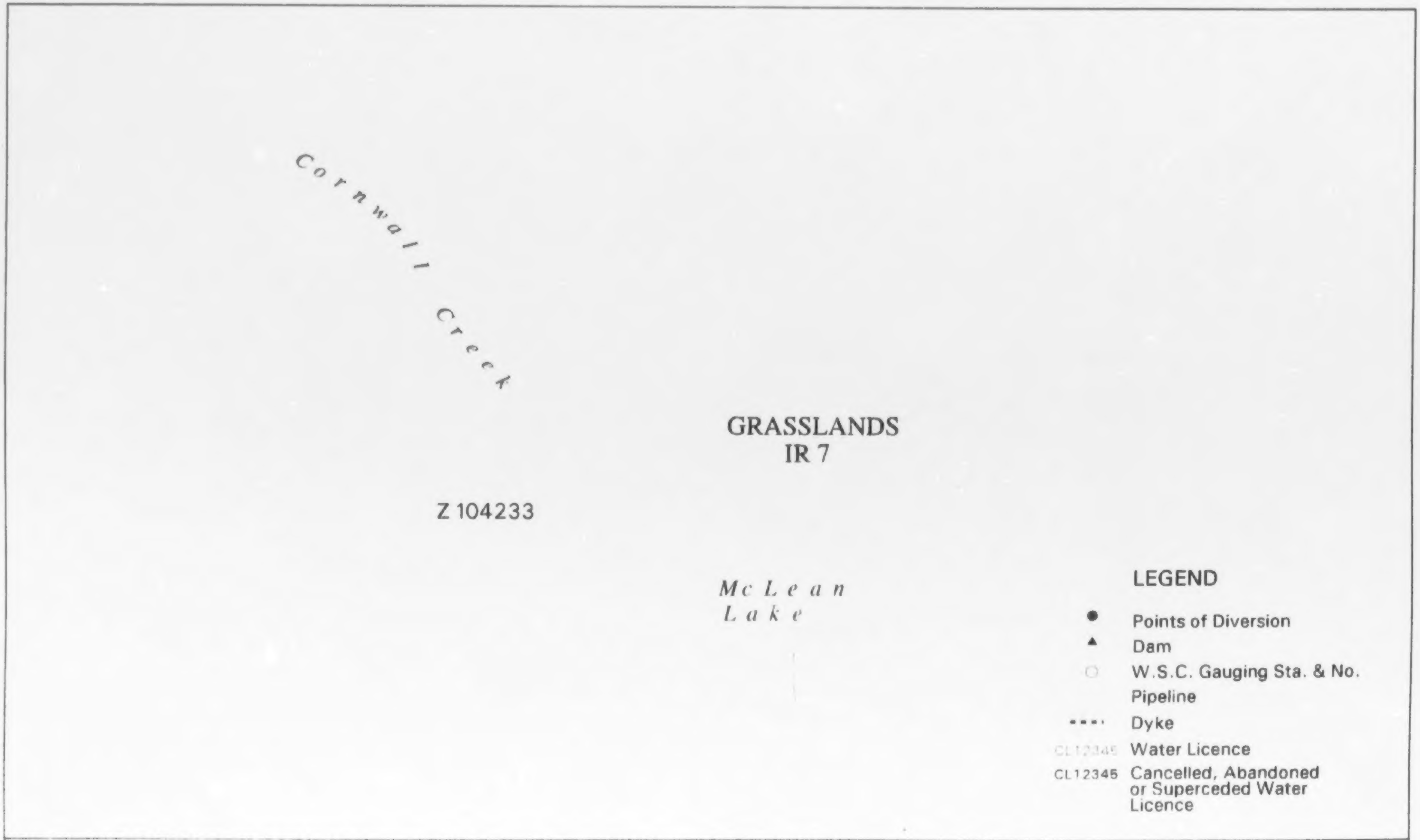
Cache Creek

Scale 1:30,000

Ministry of Environment, Lands & Parks

Date: April 14, 2000

Environment & Lands Division


Cornwall Creek
GRASSLANDS
IR 7
Z 104233
McLean
Lake
LEGEND
● Points of Diversion
▲ Dam
○ W.S.C. Gauging Sta. & No.
Pipeline
---- Dyke
CL12345 Water Licence
CL12345 Cancelled, Abandoned or Superceded Water Licence

Grasslands

Scale 1:30,000

Ministry of Environment, Lands & Parks

Date: April 14, 2000

Environment & Lands Division